

Forgeportal — Activity Book

A Spark & Anvil activity book — puzzles, questions, and fun from Forgeportal.

Write in the book, circle your answers, and check the Answer Key at the back.

1. App Discovery

Circle the correct answer

1. What is an 'educational app'?

(A) A software application designed to help you learn something new or practice skills (B) Any app that your teacher tells you to download (C) A website that shows videos about school subjects (D) A game that you play on your phone during free time

2. When choosing a learning app, what is the MOST important thing to consider first?

(A) Whether the app is the newest one available (B) Whether your friends are already using the app (C) Whether the app has the most colorful graphics (D) Whether the app matches the subject or skill you want to learn

3. What does 'grade level' mean when you see it listed for an app?

(A) The quality rating given by app reviewers (B) The grade or score you will receive from using the app (C) The school grade range the app is designed for, indicating the difficulty level (D) The number of levels or stages in the app

4. What is an 'app review'?

(A) A test you take after using an app (B) A software update that fixes problems in the app (C) A summary of the app created by the app developer (D) A written opinion from someone who has used the app, sharing what they liked and disliked

5. Why should you check the 'age rating' of an app before downloading it?

(A) Age ratings tell you how old the app is (B) Age ratings tell you if the content is appropriate for your age group (C) Older apps work better than newer apps (D) Apps with higher age ratings have more features

6. What does it mean when an app says 'free with in-app purchases'?

(A) You can download the app for free, but some features cost money to unlock (B) The app is completely free with no costs at all (C) The app gives you free items that you can purchase in real stores (D) You must pay to download it, but everything inside is free

Write the answer

7. You want to practice multiplication facts. Which search term would BEST help you find the right app?

Answer: _____

8. What is a 'subject category' in an app store?

Answer: _____

9. Why is it smart to try a free version of an app before buying the full version?

Answer: _____

10. What does it mean when an app description says 'aligned to Common Core standards'?

Answer: _____

Match each question to its answer

1. Which clue in an app description suggests the app tracks your learning progress? →

2. What should you do if an app asks for your full name, address, or phone number?
→

3. What is the difference between a 'quiz app' and a 'simulation app'? →

4. You downloaded a science app but it only covers topics for 1st and 2nd graders.
What should you do? →

5. What does 'offline mode' mean for a learning app? →

(A) Look for a different science app designed for your grade level

(B) The app works without an internet connection

(C) "Features include progress reports and performance analytics"

(D) Stop and ask a parent or trusted adult before entering any personal information

(E) A quiz app tests knowledge with questions; a simulation app lets you explore and experiment in a virtual environment

2. Digital Citizenship

Circle the correct answer

11. What is a 'digital citizen'?

(A) A person who spends all day on the computer (B) A robot that follows rules on the internet (C) A person who uses technology and the internet responsibly, safely, and respectfully (D) Someone who lives in a city that has fast internet

12. Which of these is an example of good digital etiquette?

(A) Typing in ALL CAPS to make sure your message is noticed (B) Leaving mean comments anonymously because no one will know (C) Sharing someone else's photo without asking permission (D) Thinking carefully before posting a comment to make sure it is kind and helpful

13. What is 'personal information' that you should NEVER share online without adult permission?

(A) Your full name, home address, phone number, school name, or passwords (B) The name of a book you are reading (C) Your opinion about a movie you watched (D) Your favorite color and favorite food

14. What is 'cyberbullying'?

(A) Being bad at a multiplayer game (B) Using technology to repeatedly hurt, embarrass, or intimidate someone (C) Having a disagreement with a friend over text message (D) Playing too many video games online

15. What should you do if someone you do not know sends you a message online asking to be friends?

(A) Give them your phone number so you can talk outside the app (B) Accept the request because it is rude to ignore people (C) Do not respond and tell a trusted adult about the message (D) Ask them personal questions to find out if they are safe

16. What is a 'digital footprint'?

(A) A footprint-shaped icon used in walking apps (B) The size of your foot measured by a digital scale (C) The storage space an app uses on your device (D) The trail of data and information you leave behind when you use the internet

Write the answer

17. Why is it important to create strong passwords for your accounts?

Answer: _____

18. What does 'copyright' mean for content you find online?

Answer: _____

19. Which of these is an example of 'plagiarism'?

Answer: _____

20. What should you do if you see someone being cyberbullied in an online group?

Answer: _____

Match each question to its answer

1. What is 'screen time' and why is managing it important? →
2. What does it mean to 'think before you post'? →
3. What is 'phishing'? →
4. Your friend posts an embarrassing photo of another classmate without their permission. What is the RIGHT thing to do? →
5. What is the 'Golden Rule' of the internet? →

(A) Considering the potential consequences of your online content before sharing it publicly

(B) Treat others online the way you would want to be treated

(C) Privately tell your friend that posting someone's photo without permission is wrong and ask them to remove it

(D) The amount of time spent using digital devices; managing it helps maintain a healthy balance with other activities

(E) A trick where someone pretends to be a trusted source to steal your personal information

3. Learning Styles & Strategies

Circle the correct answer

21. What are 'learning preferences'?

- (A) The subjects you like the most in school (B) The type of device you prefer to study on (C) The ways you naturally prefer to take in and process new information (D) The time of day you prefer to do homework

22. A student learns best when they can draw diagrams, use color-coded notes, and watch videos. Which learning preference does this suggest?

- (A) Visual learning (B) Social learning (C) Auditory learning (D) Kinesthetic learning

23. What is 'active recall' as a study strategy?

- (A) Reading your notes again and again until you remember them (B) Highlighting the most important parts of a textbook (C) Listening to a recording of your teacher's lecture (D) Testing yourself by trying to remember information from memory without looking at your notes

24. What is 'spaced repetition'?

- (A) Repeating a word out loud as fast as you can (B) Spacing your desk items evenly apart while studying (C) Studying the same material for hours without stopping (D) Reviewing material at increasing time intervals to improve long-term memory

25. Why is 'teaching someone else' one of the most effective ways to learn?

(A) Other people always have the right answers to fill in your gaps (B) Teachers give extra credit to students who help others (C) Explaining a concept to someone else forces you to organize your understanding and reveals gaps in your knowledge (D) Teaching makes you feel superior, which boosts confidence

26. What is a 'mind map'?

(A) A GPS app that helps you navigate while thinking (B) A map that shows where your brain's different sections are located (C) A list of everything you need to memorize for a test (D) A visual diagram that organizes information around a central topic with branching subtopics

Write the answer

27. What is the 'Feynman Technique' for learning?

Answer: _____

28. Which of these is an example of 'kinesthetic learning'?

Answer: _____

29. What does 'metacognition' mean?

Answer: _____

30. Why is 'interleaving' (mixing different topics while studying) more effective than studying one topic at a time?

Answer: _____

Match each question to its answer

1. What is the difference between 'shallow processing' and 'deep processing' of information? →

2. What is a 'growth mindset' approach to a subject you find difficult? →

3. Why is highlighting a textbook considered a LESS effective study strategy? →

4. What is 'elaboration' as a learning strategy? →

5. What is the 'testing effect'? →

(A) Believing that with effort and the right strategies, you can improve your ability in that subject

(B) Highlighting is passive—it does not require you to process or think about the information deeply

(C) Shallow processing memorizes surface details; deep processing connects new information to what you already know

(D) Connecting new information to things you already know by asking 'how' and 'why' questions

(E) The finding that taking practice tests improves learning more than re-studying the same material

4. Subject Exploration

Circle the correct answer

31. What does 'interdisciplinary' mean?

(A) Studying one subject in extreme depth (B) Involving or combining two or more academic subjects or fields of study (C) Switching between subjects every five minutes (D) Learning only during school hours

32. How does math connect to music?

(A) Math teachers are often also music teachers (B) You must pass math to be allowed in band class (C) You need a calculator to tune an instrument (D) Music uses mathematical concepts like fractions (note values), ratios (frequencies), and patterns (rhythms)

33. A student enjoys art but dislikes science. Which field might combine BOTH art and science?

(A) Professional painting, which has nothing to do with science (B) Physical education, which combines sports and health (C) Chemistry, which has nothing to do with art (D) Medical illustration, which requires understanding anatomy AND artistic skill

34. What is STEM?

(A) A special school program for advanced students only (B) An acronym for Science, Technology, Engineering, and Mathematics (C) A test given to all students in 5th grade (D) A type of plant structure studied in biology

35. How does history connect to science?

(A) History is about memorizing dates, while science is about experiments (B) Scientific discoveries happened in historical contexts that influenced what was studied and how it was understood (C) History and science are completely separate subjects with no connection (D) Scientists never study history because they focus only on the future

36. What is 'STEAM' and how is it different from STEM?

(A) STEAM is the old name for STEM before it was shortened (B) STEAM stands for Science, Testing, Engineering, Analytics, and Math (C) STEAM is for elementary students and STEM is for older students (D) STEAM adds Art to STEM, recognizing the importance of creativity and design in technical fields

Write the answer

37. Which school subject helps you evaluate whether a news article is trustworthy?

Answer: _____

38. How does geography connect to economics?

Answer: _____

39. What is 'computational thinking' and which subjects use it?

Answer: _____

40. A student says: 'I will never use math in real life.' Which of these everyday activities requires math?

Answer: _____

Match each question to its answer

1. How does writing skills from language arts help in science class? →

2. What is a 'Renaissance person'? →

3. How does art connect to mathematics? →

4. Why is learning about different subjects important even if you already know what career you want? →

5. What does 'applied science' mean? →

(A) Using scientific knowledge to solve practical, real-world problems

(B) Broad knowledge helps you think creatively, adapt to changes, and make unexpected connections

(C) Someone who has broad knowledge and skills across many different subjects and areas

(D) Art uses mathematical concepts like symmetry, proportion, perspective, and geometric shapes

(E) Scientists must write clear lab reports, research papers, and explanations of their findings

5. Progress Tracking

Circle the correct answer

41. What is 'learning progress'?

(A) The number of pages you have read in a textbook (B) How much you have improved in knowledge or skills over a period of time (C) The number of apps you have installed on your device (D) How fast you can finish your homework

42. What is a 'baseline' in progress tracking?

(A) The minimum score needed to pass a test (B) The bottom line of a chart or graph (C) Your starting point measurement before you begin working toward improvement (D) A line drawn at the base of your notebook page

43. Which type of chart is BEST for showing how your test scores have changed over several months?

(A) A bar chart comparing your scores to your classmates (B) A pie chart showing the percentage of correct answers (C) A line graph with time on the horizontal axis and scores on the vertical axis (D) A table listing all your test dates and scores

44. What is a 'learning streak'?

(A) Consecutive days of completing learning activities without missing a day (B) A line of highlighted text in your notes (C) A competition between students to see who finishes first (D) A lucky streak where you guess correctly on every question

45. You scored 60% on a math quiz in September and 78% on a similar quiz in November. How many percentage points did you improve?

(A) 18 percent (B) 78 percentage points (C) 18 percentage points (D) 138 percentage points

46. What is a 'learning plateau'?

(A) The highest level of achievement you can ever reach (B) A stage where learning becomes effortless (C) A flat surface where you study outdoors (D) A period where progress seems to stop even though you are still putting in effort

Write the answer

47. What is a 'rubric'?

Answer: _____

48. Why is it important to track BOTH what you get right AND what you get wrong?

Answer: _____

49. What is 'self-assessment'?

Answer: _____

50. A progress report shows that you answered 85% of multiplication questions correctly but only 55% of division questions. What does this data tell you?

Answer: _____

Match each question to its answer

1. What is a 'portfolio' for tracking learning progress? →
 2. What is the difference between 'formative' and 'summative' assessment? →
 3. You have been tracking your reading speed for 4 weeks. Week 1: 120 wpm, Week 2: 125 wpm, Week 3: 123 wpm, Week 4: 131 wpm. What trend does this show? →
 4. What is a 'mastery check' in an educational app? →
 5. Why should you set specific, measurable targets for your learning instead of vague goals? →
 - (A) A collection of your best work over time that shows growth and achievement
 - (B) Formative checks understanding during learning; summative evaluates what you learned at the end
 - (C) An assessment that determines whether you have learned a topic well enough to move on
 - (D) Overall upward trend with a small dip in Week 3, showing general improvement
 - (E) Specific targets let you clearly know when you have achieved your goal and track exact progress
-

6. Creative Thinking

Circle the correct answer

51. What is 'divergent thinking'?
 - (A) Thinking about ideas that are wrong or different from the accepted answer
 - (B) The ability to focus deeply on one specific solution
 - (C) Generating many different ideas or solutions from a single starting point
 - (D) A thinking disorder where you cannot concentrate
52. What is the most important rule during a brainstorming session?
 - (A) Every idea must be practical and immediately usable
 - (B) Only the group leader should suggest ideas
 - (C) No idea should be criticized or judged during the idea-generation phase
 - (D) Ideas should be ranked from best to worst as they are shared
53. What is a 'creative block'?
 - (A) A school rule that prevents students from being creative
 - (B) A period when you feel unable to generate new ideas or produce creative work
 - (C) A physical toy used to build creative structures
 - (D) A neighborhood in a city known for art galleries
54. How does 'SCAMPER' help generate creative ideas?
 - (A) It measures how creative your personality type naturally is
 - (B) It tells you to run away from your problems and come back later
 - (C) It is a speed technique for writing ideas as fast as possible
 - (D) It provides seven prompts (Substitute, Combine, Adapt, Modify, Put to other use, Eliminate, Reverse) to transform existing ideas

55. What is 'lateral thinking'?

(A) Thinking while lying on your side, and this principle applies across similar situations (B) Using only the left side of your brain, making this the most widely accepted explanation (C) Approaching a problem from an unexpected or indirect angle rather than using traditional step-by-step logic (D) Solving math problems by working sideways across the page, and this has been consistently demonstrated in practice

56. A teacher asks you to come up with 20 uses for a paper clip in 2 minutes. What skill is this exercise developing?

(A) Critical thinking—analyzing whether paper clips are useful (B) Convergent thinking—finding the single best answer (C) Memory—remembering facts about paper clips (D) Divergent thinking—the ability to generate many different ideas quickly

Write the answer

57. What is the relationship between creativity and constraints?

Answer: _____

58. What is 'convergent thinking' and how does it complement divergent thinking?

Answer: _____

59. What is a 'mind dump' or 'brain dump'?

Answer: _____

60. How can asking 'What if?' questions boost creativity?

Answer: _____

Match each question to its answer

1. What is the 'Six Thinking Hats' technique? →

2. Why is 'failure' an important part of the creative process? →

3. What is 'analogical thinking'? →

4. How does physical movement help with creative thinking? →

5. What is 'design thinking'? →

(A) A human-centered problem-solving process: empathize, define, ideate, prototype, and test

(B) Finding solutions by drawing parallels between the current problem and similar problems in different fields

(C) Failed attempts provide valuable information about what does not work, guiding you toward better solutions

(D) Walking and movement increase blood flow to the brain and can stimulate new

neural connections and ideas

(E) A method where you examine a problem from six different perspectives (facts, emotions, caution, benefits, creativity, process)

7. Research Skills

Circle the correct answer

61. What is a primary source?

(A) A textbook chapter about a topic (B) A summary written by a modern historian
(C) An original, firsthand account or document from the time period being studied (D)
An encyclopedia article about an event

62. Which of these is a secondary source?

(A) Lincoln's handwritten Gettysburg Address (B) A photograph taken during the
Civil War (C) A letter Abraham Lincoln wrote to a general (D) A biography about
Abraham Lincoln written in 2020

63. What does the acronym 'URL' stand for?

(A) Uniform Resource Locator (B) Universal Reference Link (C) Unified Research
Location (D) User Resource Library

64. A website with the domain ending 'edu' is most likely operated by which type of
organization?

(A) A nonprofit charity (B) A for-profit business (C) An educational institution like a
university (D) A government agency

65. What is plagiarism?

(A) Paraphrasing information and listing the source (B) Summarizing an article in
your own words with attribution (C) Quoting a source and including a citation (D)
Presenting someone else's words or ideas as your own without giving credit

66. You find an interesting claim on a website but there are no sources cited. What
should you do first?

(A) Copy the information directly into your report (B) Look for the same information
on other credible websites to verify it (C) Immediately share the claim with
classmates (D) Accept the information since it's published online

Write the answer

67. What is the purpose of a bibliography at the end of a research paper?

Answer: _____

68. Which search strategy would be MOST effective for finding specific information about the diet of Bengal tigers?

Answer: _____

69. What does it mean to paraphrase a source?

Answer: _____

70. You are researching climate change and find two articles that contradict each other. What is the BEST approach?

Answer: _____

Match each question to its answer

1. What is the CRAAP test used for in research? →

2. A researcher uses Boolean operators when searching databases. What does putting 'AND' between two search terms do? →

3. Why is it important to use multiple sources when researching a topic? →

4. You are writing a research report about space exploration. Which source would be MOST credible for scientific data? →

5. What is an annotated bibliography? →

(A) NASA's official website

(B) Evaluating whether a source is credible and reliable

(C) Narrows results to only include items containing both terms

(D) A list of sources with a brief summary and evaluation of each one

(E) Multiple sources help you get a more complete and balanced understanding of the topic

8. Lifelong Learning

Circle the correct answer

71. What does the term 'lifelong learning' mean?

(A) Memorizing every fact you encounter during your lifetime (B) The ongoing, voluntary pursuit of knowledge and skills throughout one's entire life (C) Learning that only happens in school between ages 5 and 18 (D) Taking the longest possible time to finish a degree

72. What is a 'growth mindset' as described by psychologist Carol Dweck?

(A) The desire to always be the smartest person in the room (B) A mental technique for growing taller through visualization (C) The belief that you are either born smart or you're not (D) The belief that abilities and intelligence can be developed through

effort and learning

73. A student who used to struggle with math now excels after months of practice and tutoring. Which concept BEST explains this transformation?

(A) Lucky guessing on tests (B) Neuroplasticity — the brain's ability to form new neural connections through practice (C) Natural talent that was hidden and suddenly appeared (D) The math becoming easier over time on its own

74. What is 'transfer of learning'?

(A) Copying notes from a textbook into a notebook (B) Teaching the same lesson to a different class (C) Moving from one school to another (D) Applying knowledge or skills learned in one context to a new, different situation

75. A student learns to play guitar and notices it becomes easier to learn piano afterward. What type of transfer does this demonstrate?

(A) Zero transfer — the skills are completely unrelated (B) Positive transfer — prior learning makes new learning easier (C) Negative transfer — prior learning makes new learning harder (D) Reverse transfer — the new skill improves the old one

76. What is 'intellectual humility' and why is it important for lifelong learners?

(A) Never sharing your opinions because you might be wrong (B) Always agreeing with experts without question (C) Pretending to know less than you actually do (D) Recognizing the limits of your own knowledge and being open to new information that might change your mind

Write the answer

77. What is a 'Personal Learning Network' (PLN)?

Answer: _____

78. You want to learn about marine biology but have no prior experience. Which approach demonstrates self-directed learning?

Answer: _____

79. What is the 'zone of proximal development' (ZPD)?

Answer: _____

80. How does 'scaffolding' support learning?

Answer: _____

Match each question to its answer

1. A professional photographer decides to learn watercolor painting. She finds that her understanding of composition and lighting transfers well to painting. This is an example of which concept? →
 2. What is the 'Dunning-Kruger effect'? →
 3. Why is 'productive struggle' considered valuable for learning? →
 4. A student keeps a 'learning journal' where she reflects on what she learned each week, what confused her, and what strategies helped. This practice is an example of what? →
 5. What is the 'T-shaped learner' model? →
 - (A) Metacognition — thinking about your own thinking and learning processes
 - (B) Working through challenging problems builds deeper understanding and stronger neural pathways than easy success
 - (C) A cognitive bias where people with limited knowledge in an area overestimate their competence
 - (D) Cross-disciplinary transfer — skills from one field enriching learning in another
 - (E) A person with deep expertise in one area (the vertical bar) and broad knowledge across many areas (the horizontal bar)
-

9. Digital Literacy & Technology

Circle the correct answer

81. What does the term 'digital literacy' mean?
 - (A) The ability to find, evaluate, and use information online effectively
 - (B) Having a social media account
 - (C) Being able to fix a broken computer
 - (D) Knowing how to type fast
82. What does 'URL' stand for?
 - (A) Uniform Resource Locator
 - (B) Unique Reference Label
 - (C) User Request Line
 - (D) Universal Reading Link
83. Which of these is a search engine?
 - (A) Gmail
 - (B) Microsoft Word
 - (C) Google
 - (D) Instagram
84. What is a 'password' used for in digital tools?
 - (A) To make your screen brighter
 - (B) To connect to Wi-Fi
 - (C) To download apps faster
 - (D) To protect your account from unauthorized access
85. What does the 'https' at the beginning of a web address indicate?
 - (A) The website uses a secure, encrypted connection
 - (B) The website loads faster
 - (C) The website has no advertisements
 - (D) The website is free to use

86. What is a 'bookmark' in a web browser?

(A) A tool that blocks advertisements (B) A saved link to a website so you can return to it easily (C) A note you write on a webpage (D) A way to print a webpage

Write the answer

87. Why is it important to check more than one source when researching online?

Answer: _____

88. What is the difference between a web browser and a search engine?

Answer: _____

89. Why should you avoid sharing personal information like your full name and address online?

Answer: _____

90. What does it mean when a website has a '.edu' domain?

Answer: _____

Match each question to its answer

1. How does a strong password differ from a weak password? →

2. You find a website claiming that chocolate cures all diseases. What should you do first? →

3. You need to write a report about dolphins. Which search terms would give you the best results? →

4. Your friend sends you a link to a website you have never seen before. What is the safest action? →

5. You are creating a presentation and find a great image online. What should you do before using it? →

(A) A strong password uses a mix of letters, numbers, and symbols and is hard to guess

(B) Check the URL carefully before clicking and ask your friend about it

(C) 'Dolphin habitat behavior facts' with specific keywords

(D) Check if the image is free to use and give credit to the creator

(E) Check other reliable sources to see if the claim is supported

10. Digital Literacy & Technology

Circle the correct answer

91. What is an 'app rating' on an app store?

(A) A score given by users to show how good or useful they think the app is (B) The number of times the app was downloaded, as this directly follows from the underlying principles (C) The price of the app, as this directly follows from the underlying principles (D) The app's file size, as this directly follows from the underlying principles

92. What is the purpose of an app review?

(A) To share detailed feedback about what the user liked or disliked about the app (B) To increase the app's download count (C) To send a message to other users (D) To unlock premium features

93. What does 'age rating' mean for an app?

(A) The age of the person who made the app, and this is the standard approach used in most cases (B) How old the app is, making this the most widely accepted explanation (C) A label showing the minimum age recommended for using the app based on its content (D) The maximum number of users allowed, which is why this approach is recommended by experts

94. What are 'in-app purchases'?

(A) Advertisements shown inside the app (B) Updates the developer releases (C) Free bonus features for all users (D) Items or features you can buy with real money inside an app after downloading it

95. What does 'user interface' (UI) mean in an app?

(A) The programming language used to build the app (B) The device's operating system (C) The visual design and layout that users see and interact with on screen (D) The internet connection speed

96. What is an app 'update'?

(A) A message from the app developer (B) A new version of the app released by the developer that may fix bugs or add features (C) A way to delete the app automatically (D) A completely different app with the same name

Write the answer

97. Why might a free app still cost you something?

Answer: _____

98. What is the difference between an app's description and its user reviews?

Answer: _____

99. Why is it helpful to read both positive and negative reviews of an app?

Answer: _____

100. How do permissions help you understand what an app does with your information?

Answer: _____

Match each question to its answer

1. What does it mean when an app says it has a 'privacy policy'? →
2. You are choosing a math app for school. It has a 3.2-star rating and reviews mention frequent crashes. What should you do? →
3. A new game app asks for permission to access your contacts, camera, location, and microphone. The game is a simple puzzle. What should you consider? →
4. You want to compare two reading apps. What three things should you look at to make a fair comparison? →
5. An app you use regularly has a new update available. The update notes say 'Bug fixes and performance improvements.' Should you update it? →

(A) Yes, because bug fixes and performance improvements make the app work better and more securely

(B) User ratings and review count, features offered, and whether content matches your reading level

(C) Look for a similar math app with better ratings and fewer reported issues

(D) A simple puzzle game should not need all those permissions, which is a warning sign

(E) It is a document explaining what personal data the app collects and how it uses that data

11. Digital Literacy & Technology

Circle the correct answer

101. What is a 'folder' on a computer or tablet?

- (A) A tool for deleting files, and this has been consistently demonstrated in practice
(B) A type of document, and this principle applies across similar situations
(C) A container used to group and organize related files together
(D) A program that edits photos, as this directly follows from the underlying principles

102. What is a 'table of contents' in a digital document?

- (A) A summary of the entire document, as this is what research and standard practice suggests
(B) A tool for checking spelling errors, and this is the standard approach used in most cases
(C) A list at the beginning showing the sections and their page numbers so readers can find information quickly
(D) A list of all the images in the document, as this is what research and standard practice suggests

103. What does 'sorting' mean when working with digital information?

(A) Deleting unwanted files, which is the most common explanation for this phenomenon (B) Arranging items in a specific order, such as alphabetical, numerical, or by date (C) Changing the color of text, and this principle applies across similar situations (D) Making copies of files, and this is the standard approach used in most cases

104. What is a 'tag' or 'label' used for in digital organization?

(A) A tool for changing file formats (B) A keyword attached to a file or item to make it easier to find when searching (C) A way to send files to other people (D) A border decoration around images

105. What is a 'spreadsheet'?

(A) A drawing program, which is why this approach is recommended by experts (B) A type of presentation software, and this principle applies across similar situations (C) A digital tool that organizes information into rows and columns for sorting and calculating data (D) A website builder, making this the most widely accepted explanation

106. What is an 'outline' used for when organizing information?

(A) A structured plan showing main ideas and supporting details in a hierarchical format (B) A tool for checking grammar (C) A list of all the fonts in a document (D) A drawing of the border around a page

Write the answer

107. Why is it important to name files clearly and descriptively?

Answer: _____

108. How does organizing information into categories help with understanding?

Answer: _____

109. What is the difference between organizing files by date and organizing them by topic?

Answer: _____

110. Why do databases use 'fields' and 'records' to organize information?

Answer: _____

Match each question to its answer

1. How does a 'keyword search' help you find information in a large collection of files?

→

2. You have 50 photos from a field trip, a family vacation, and a school project all mixed together. How should you organize them? →

3. Your teacher asks you to collect information about five different animals for a report. What is the best way to organize your notes? →
4. You are working on a group project and everyone is saving files with different names in different places. What system could your group use? →
5. You want to keep track of books you have read this year including the title, author, your rating, and the date you finished. What tool should you use? →

(A) It scans all files for the specific word or phrase you typed, showing only the files that contain a match

(B) Create separate folders for each event and move the photos into the matching folder with descriptive names

(C) Create a table or spreadsheet with each animal as a row and categories like habitat, diet, and size as columns

(D) Agree on a shared folder structure and consistent file naming convention that everyone follows

(E) A spreadsheet with columns for Title, Author, Rating, and Date Finished

12. Digital Literacy & Technology

Circle the correct answer

111. What is a 'presentation app' used for?

(A) Writing long essays, as this directly follows from the underlying principles (B) Sending emails, and this has been consistently demonstrated in practice (C) Editing videos, as this is what research and standard practice suggests (D) Creating slideshows with text, images, and sometimes animations to share information with an audience

112. What is 'cloud storage'?

(A) A service that saves your files on remote servers accessible from any device with internet (B) A type of weather app, making this the most widely accepted explanation (C) Storage on a USB drive, as this directly follows from the underlying principles (D) A folder on your desktop, which is why this approach is recommended by experts

113. What is a 'word processor'?

(A) A calculator application, which is why this approach is recommended by experts (B) A tool for creating spreadsheets, which is the most common explanation for this phenomenon (C) A program for editing photos, and this is the standard approach used in most cases (D) A software application for creating, editing, and formatting text documents

114. What does 'collaborate' mean when using a digital tool?

(A) Watching someone else use a computer, making this the most widely accepted explanation (B) Working together with other people on the same document or project at the same time or at different times (C) Downloading the same app as someone else, and this has been consistently demonstrated in practice (D) Using a tool by yourself, and this has been consistently demonstrated in practice

115. What is a 'digital timer' or 'productivity app' used for in learning?

(A) Playing music while studying, making this the most widely accepted explanation (B) Blocking all apps on the device, as this is what research and standard practice suggests (C) Helping students manage their time by tracking how long they spend on tasks or study sessions (D) Automatically completing homework, which is why this approach is recommended by experts

116. What is a 'QR code'?

(A) A tool for editing photos, which is the most common explanation for this phenomenon (B) A type of password, making this the most widely accepted explanation (C) A secret coding language, making this the most widely accepted explanation (D) A square pattern of black and white squares that a device can scan to quickly open a link or information

Write the answer

117. How does a spelling and grammar checker help improve your writing?

Answer: _____

118. Why do some learning apps use 'progress tracking' features?

Answer: _____

119. What is the advantage of using a digital mind map over a list for brainstorming?

Answer: _____

120. How does 'version history' in a document help students?

Answer: _____

Match each question to its answer

1. Why might a teacher choose to use an interactive whiteboard app instead of a regular whiteboard? →

2. You need to create a presentation about your favorite book. Which features of a presentation app would you use and why? →

3. Your group needs to write a report together but group members are in different locations. Which technology tool would work best? →

4. You want to study for a test using digital flashcards. How would you organize them

for effective studying? →

5. Your teacher asks you to record a short video explaining a science concept. What tools and steps would you use? →

(A) Interactive whiteboard apps can save content, incorporate multimedia, allow collaboration, and be shared digitally with students

(B) Text slides for key points, images for illustrations, speaker notes for what to say, and slide transitions for visual flow

(C) A collaborative document tool like Google Docs where everyone can edit the same document in real time

(D) Plan your explanation with an outline, use a screen recording or camera app, add visuals or diagrams, and review the video before submitting

(E) Group flashcards by topic, start with the ones you find hardest, and review them in spaced intervals rather than all at once

13. App Discovery

Circle the correct answer

121. When choosing a learning app, what is the MOST important thing to consider first?

- (A) Whether the app is the newest one available (B) Whether the app matches the subject or skill you want to learn (C) Whether your friends are already using the app (D) Whether the app has the most colorful graphics

122. What is 'screen time' and why is managing it important?

- (A) The brightness level of your device screen (B) The time it takes for your screen to turn off automatically (C) The amount of time spent using digital devices; managing it helps maintain a healthy balance with other activities (D) A feature that makes your screen bigger or smaller

123. What is 'spaced repetition'?

- (A) Reviewing material at increasing time intervals to improve long-term memory (B) Spacing your desk items evenly apart while studying (C) Repeating a word out loud as fast as you can (D) Studying the same material for hours without stopping

124. A student enjoys art but dislikes science. Which field might combine BOTH art and science?

- (A) Physical education, which combines sports and health (B) Medical illustration, which requires understanding anatomy AND artistic skill (C) Chemistry, which has nothing to do with art (D) Professional painting, which has nothing to do with science

125. Which type of chart is BEST for showing how your test scores have changed over several months?

(A) A table listing all your test dates and scores (B) A line graph with time on the horizontal axis and scores on the vertical axis (C) A pie chart showing the percentage of correct answers (D) A bar chart comparing your scores to your classmates

126. Evaluate this claim: 'Creativity cannot be taught or learned—you either have it or you do not.'

(A) This is false; creativity is a skill that can be developed through practice, techniques, and the right mindset (B) This is true for artistic creativity but false for scientific creativity (C) This is true; creativity is entirely genetic (D) This is partially true; you need some natural talent to start with

Write the answer

127. A website with the domain ending '.edu' is most likely operated by which type of organization?

Answer: _____

128. You want to learn about marine biology but have no prior experience. Which approach demonstrates self-directed learning?

Answer: _____

129. Why should you check the 'age rating' of an app before downloading it?

Answer: _____

130. What is 'cyberbullying'?

Answer: _____

Match each question to its answer

1. What is a 'learning journal'? →

2. A student says: 'I will never use math in real life.' Which of these everyday activities requires math? →

3. Why should you set specific, measurable targets for your learning instead of vague goals? →

4. How can diverse perspectives make a team MORE creative? →

5. What is the purpose of a bibliography at the end of a research paper? →

(A) All of these: cooking with recipes, managing an allowance, planning travel time, and comparing prices while shopping

(B) People with different backgrounds and experiences bring unique viewpoints that combine to produce more innovative solutions

(C) Specific targets let you clearly know when you have achieved your goal and track

exact progress

(D) A personal record where you reflect on what you learned, what was difficult, and what strategies worked

(E) To list all the sources that were consulted or cited in the paper

14. App Discovery

Circle the correct answer

131. Which clue in an app description suggests the app tracks your learning progress?

(A) "Available in 10 languages" (B) "Features include progress reports and performance analytics" (C) "Beautiful graphics and fun animations" (D) "Works offline without internet"

132. What is a 'portfolio' for tracking learning progress?

(A) A folder where you keep all your graded assignments (B) A list of all the apps you have ever used (C) A collection of your best work over time that shows growth and achievement (D) A financial document listing your investments

133. What is 'divergent thinking'?

(A) Generating many different ideas or solutions from a single starting point (B) Thinking about ideas that are wrong or different from the accepted answer (C) A thinking disorder where you cannot concentrate (D) The ability to focus deeply on one specific solution

134. What is the 'T-shaped learner' model?

(A) A person with deep expertise in one area (the vertical bar) and broad knowledge across many areas (the horizontal bar) (B) A person who only learns subjects that start with the letter T (C) A test-taking strategy shaped like the letter T (D) A learner who studies in a T-shaped room for better focus

135. What does 'copyright' mean for content you find online?

(A) The original creator has legal rights over their work, and you need permission to use it (B) Copyright only applies to books, not digital content (C) You own the copyright to anything you find first (D) Everything online is free to use however you want

136. What is a 'growth mindset' approach to a subject you find difficult?

(A) Only studying subjects that come naturally to you (B) Accepting that you are just not good at that subject and focusing on others (C) Waiting until you feel motivated before trying again (D) Believing that with effort and the right strategies, you can improve your ability in that subject

Write the answer

137. Which subject combination would be MOST useful for someone who wants to start a business?

Answer: _____

138. What is a 'learning plateau'?

Answer: _____

139. A teacher asks you to come up with 20 uses for a paper clip in 2 minutes. What skill is this exercise developing?

Answer: _____

140. A researcher uses Boolean operators when searching databases. What does putting 'AND' between two search terms do?

Answer: _____

Match each question to its answer

1. What is a 'learning goal' and why should you set one before choosing an app? →

2. What should you do if someone you do not know sends you a message online asking to be friends? →

3. Why is highlighting a textbook considered a LESS effective study strategy? →

4. How does art connect to mathematics? →

5. You scored 60% on a math quiz in September and 78% on a similar quiz in November. How many percentage points did you improve? →

(A) Do not respond and tell a trusted adult about the message

(B) Art uses mathematical concepts like symmetry, proportion, perspective, and geometric shapes

(C) A specific thing you want to learn or improve; it helps you find the right app for your needs

(D) 18 percentage points

(E) Highlighting is passive—it does not require you to process or think about the information deeply

15. App Discovery

Circle the correct answer

141. What does it mean to 'think before you post'?

(A) Considering the potential consequences of your online content before sharing it publicly (B) Only posting things that have been approved by a teacher (C) Thinking about how many likes your post will get (D) Spending exactly five minutes thinking about every social media post

142. What is 'chunking' as a memory strategy?

(A) Eating snacks in chunks while studying (B) Studying in large chunks of time without breaks (C) Breaking large amounts of information into smaller, manageable groups (D) Throwing away information you do not need

143. What is 'transferable knowledge'?

(A) A textbook that is shared between two classes (B) Information stored on a flash drive that can be moved between computers (C) Knowledge that can be transferred from one student to another (D) Skills or concepts learned in one subject that can be applied in other subjects or situations

144. What is a 'heat map' in the context of learning analytics?

(A) A graph showing how hot topics are trending online (B) A visual display that uses colors to show areas of strength (often green) and weakness (often red) (C) A map that shows the temperature of different classrooms (D) A tool that measures the heat generated by your computer while studying

145. How does 'SCAMPER' help generate creative ideas?

(A) It tells you to run away from your problems and come back later (B) It provides seven prompts (Substitute, Combine, Adapt, Modify, Put to other use, Eliminate, Reverse) to transform existing ideas (C) It measures how creative your personality type naturally is (D) It is a speed technique for writing ideas as fast as possible

146. What is 'spaced repetition' and why is it more effective than cramming?

(A) Reading your notes once and hoping you remember them (B) Reviewing material at increasing intervals over time, which strengthens memory by repeatedly retrieving information before it's forgotten (C) Studying the same material every hour for an entire day (D) Spacing your desk further from the teacher for better focus

Write the answer

147. What does it mean when an app says 'free with in-app purchases'?

Answer: _____

148. What is an 'upstander' in the context of online behavior?

Answer: _____

149. What is the 'Feynman Technique' for learning?

Answer: _____

150. Which school subject helps you evaluate whether a news article is trustworthy?

Answer: _____

Match each question to its answer

1. What is the difference between 'formative' and 'summative' assessment? →
2. What is the BEST approach to developing your creativity across all school subjects?
→
3. Which of the following is the BEST example of a strong research question? →
4. A company hires someone who knows coding but also understands psychology, design, and business. Why might this person be more valuable than someone who only knows coding? →
5. What is the difference between a 'private' and a 'public' account on social media?
→

(A) Private accounts only share content with approved followers; public accounts can be seen by anyone

(B) Formative checks understanding during learning; summative evaluates what you learned at the end

(C) Practice creative thinking regularly, ask questions, make connections between subjects, and embrace experimentation

(D) How did the invention of the printing press change literacy rates in Europe between 1450 and 1600?

(E) Their diverse knowledge allows them to see connections others miss and solve problems more creatively

16. App Discovery

Circle the correct answer

151. What does it mean when an app has a 'parental dashboard'?

(A) A screen where parents play the app alongside their children (B) A feature that sends homework to parents to complete (C) A dashboard that lets parents create their own quiz questions (D) A section where parents can view their child's progress, set time limits, and manage settings

152. Why is 'interleaving' (mixing different topics while studying) more effective than studying one topic at a time?

(A) Teachers always test multiple topics on the same exam (B) Mixing topics forces your brain to distinguish between concepts and strengthens retrieval practice (C) It makes studying more fun because you never get bored (D) Your brain can only focus on one subject for five minutes at a time

153. What does 'applied science' mean?

(A) Using scientific knowledge to solve practical, real-world problems (B) Science that is only taught in college applications (C) A science class that is harder than regular science (D) Science experiments done with applications on a phone

154. What is 'self-assessment'?

(A) A test you take at home by yourself (B) A type of medical checkup for students (C) Evaluating your own learning, skills, or performance based on specific criteria (D) An assessment that only you can see the results of

155. You find an interesting claim on a website but there are no sources cited. What should you do first?

(A) Accept the information since it's published online (B) Immediately share the claim with classmates (C) Copy the information directly into your report (D) Look for the same information on other credible websites to verify it

156. What is a 'growth mindset' as described by psychologist Carol Dweck?

(A) The belief that you are either born smart or you're not (B) The desire to always be the smartest person in the room (C) A mental technique for growing taller through visualization (D) The belief that abilities and intelligence can be developed through effort and learning

Write the answer

157. Which of these is the BEST way to discover new educational apps?

Answer: _____

158. What should you do if you see someone being cyberbullied in an online group?

Answer: _____

159. A student learns best when they can draw diagrams, use color-coded notes, and watch videos. Which learning preference does this suggest?

Answer: _____

160. How does writing skills from language arts help in science class?

Answer: _____

Match each question to its answer

1. Why is 'daydreaming' sometimes valuable for creativity? →

2. How does 'scaffolding' support learning? →

3. What is 'dual coding'? →

4. How does history connect to science? →

5. You are writing a research report about space exploration. Which source would be

MOST credible for scientific data? →

- (A) Mind-wandering activates the brain's default mode network, which can generate unexpected connections between ideas
 - (B) NASA's official website
 - (C) Combining words and visuals (like diagrams or images) to represent the same information
 - (D) Scientific discoveries happened in historical contexts that influenced what was studied and how it was understood
 - (E) By providing temporary support structures that are gradually removed as the learner gains competence
-

Riddle & Joke Break

Guess the answer, then check the key!

- 161.** Why did the app launcher feel like a librarian?
 - 162.** What did ForgePortal say to the new user?
 - 163.** Why did the learning pathway cross the road?
 - 164.** What do you call a hub that connects every subject?
 - 165.** Why was the user profile so well-rounded?
 - 166.** What did the math app say to the science app inside ForgePortal?
-

Answer Key

- 1. A — A software application designed to help you learn something new or practice skills
- 2. D — Whether the app matches the subject or skill you want to learn
- 3. C — The school grade range the app is designed for, indicating the difficulty level
- 4. D — A written opinion from someone who has used the app, sharing what they liked and disliked
- 5. B — Age ratings tell you if the content is appropriate for your age group
- 6. A — You can download the app for free, but some features cost money to unlock
- 7. "Multiplication practice app for kids"

8. A group of apps organized by topic, like Education, Games, or Health
9. You can see if you like the app and if it helps you learn before spending money
10. The app's content matches the learning goals that many schools use for each grade level
Matching (App Discovery): 1→C, 2→D, 3→E, 4→A, 5→B
11. C — A person who uses technology and the internet responsibly, safely, and respectfully
12. D — Thinking carefully before posting a comment to make sure it is kind and helpful
13. A — Your full name, home address, phone number, school name, or passwords
14. B — Using technology to repeatedly hurt, embarrass, or intimidate someone
15. C — Do not respond and tell a trusted adult about the message
16. D — The trail of data and information you leave behind when you use the internet
17. Strong passwords protect your accounts from being accessed by unauthorized people
18. The original creator has legal rights over their work, and you need permission to use it
19. Copying a paragraph from a website and putting it in your report without giving credit
20. Do not participate, save evidence if possible, and report it to a trusted adult
Matching (Digital Citizenship): 1→D, 2→A, 3→E, 4→C, 5→B
21. C — The ways you naturally prefer to take in and process new information
22. A — Visual learning
23. D — Testing yourself by trying to remember information from memory without looking at your notes
24. D — Reviewing material at increasing time intervals to improve long-term memory
25. C — Explaining a concept to someone else forces you to organize your understanding and reveals gaps in your knowledge
26. D — A visual diagram that organizes information around a central topic with branching subtopics

27. Explain a concept in simple terms as if teaching a child, identify gaps, and study those gaps
28. Building a model of a cell to understand its structure
29. Thinking about your own thinking—being aware of how you learn and process information
30. Mixing topics forces your brain to distinguish between concepts and strengthens retrieval practice
Matching (Learning Styles & Strategies): 1→C, 2→A, 3→B, 4→D, 5→E
31. B — Involving or combining two or more academic subjects or fields of study
32. D — Music uses mathematical concepts like fractions (note values), ratios (frequencies), and patterns (rhythms)
33. D — Medical illustration, which requires understanding anatomy AND artistic skill
34. B — An acronym for Science, Technology, Engineering, and Mathematics
35. B — Scientific discoveries happened in historical contexts that influenced what was studied and how it was understood
36. D — STEAM adds Art to STEM, recognizing the importance of creativity and design in technical fields
37. Language arts, which teaches critical reading, source evaluation, and argument analysis
38. A region's natural resources, climate, and location influence its economic activities and trade
39. A problem-solving approach using decomposition, pattern recognition, and algorithms—used in ALL subjects
40. All of these: cooking with recipes, managing an allowance, planning travel time, and comparing prices while shopping
Matching (Subject Exploration): 1→E, 2→C, 3→D, 4→B, 5→A
41. B — How much you have improved in knowledge or skills over a period of time
42. C — Your starting point measurement before you begin working toward improvement
43. C — A line graph with time on the horizontal axis and scores on the vertical axis
44. A — Consecutive days of completing learning activities without missing a day

- 45. C — 18 percentage points
- 46. D — A period where progress seems to stop even though you are still putting in effort
- 47. A scoring guide that describes different levels of quality for an assignment or performance
- 48. Correct answers show your strengths; wrong answers reveal exactly what you need to study more
- 49. Evaluating your own learning, skills, or performance based on specific criteria
- 50. You have a strong understanding of multiplication but need to focus more practice on division
Matching (Progress Tracking): 1→A, 2→B, 3→D, 4→C, 5→E
- 51. C — Generating many different ideas or solutions from a single starting point
- 52. C — No idea should be criticized or judged during the idea-generation phase
- 53. B — A period when you feel unable to generate new ideas or produce creative work
- 54. D — It provides seven prompts (Substitute, Combine, Adapt, Modify, Put to other use, Eliminate, Reverse) to transform existing ideas
- 55. C — Approaching a problem from an unexpected or indirect angle rather than using traditional step-by-step logic
- 56. D — Divergent thinking—the ability to generate many different ideas quickly
- 57. Constraints often enhance creativity by forcing you to find innovative solutions within limitations
- 58. Convergent thinking narrows many ideas down to the best one; it works with divergent thinking to first generate, then select ideas
- 59. Writing down every idea in your head without filtering or organizing, to clear mental space
- 60. They encourage you to imagine possibilities beyond current reality, opening up new ideas and perspectives
Matching (Creative Thinking): 1→E, 2→C, 3→B, 4→D, 5→A
- 61. C — An original, firsthand account or document from the time period being studied
- 62. D — A biography about Abraham Lincoln written in 2020

- 63. A — Uniform Resource Locator
- 64. C — An educational institution like a university
- 65. D — Presenting someone else's words or ideas as your own without giving credit
- 66. B — Look for the same information on other credible websites to verify it
- 67. To list all the sources that were consulted or cited in the paper
- 68. Using specific keywords like 'Bengal tiger diet prey' rather than just 'tigers'
- 69. Restating the information in your own words while keeping the original meaning
- 70. Examine the credentials of each author and the evidence they present to evaluate which is more credible

Matching (Research Skills): 1→B, 2→C, 3→E, 4→A, 5→D

- 71. B — The ongoing, voluntary pursuit of knowledge and skills throughout one's entire life
- 72. D — The belief that abilities and intelligence can be developed through effort and learning
- 73. B — Neuroplasticity — the brain's ability to form new neural connections through practice
- 74. D — Applying knowledge or skills learned in one context to a new, different situation
- 75. B — Positive transfer — prior learning makes new learning easier
- 76. D — Recognizing the limits of your own knowledge and being open to new information that might change your mind
- 77. A group of people, resources, and communities you connect with to support your ongoing learning
- 78. Setting specific learning goals, finding resources at your level, and tracking your progress over time
- 79. The gap between what a learner can do independently and what they can achieve with guidance
- 80. By providing temporary support structures that are gradually removed as the learner gains competence

Matching (Lifelong Learning): 1→D, 2→C, 3→B, 4→A, 5→E

- 81. A — The ability to find, evaluate, and use information online effectively

82. A — Uniform Resource Locator
83. C — Google
84. D — To protect your account from unauthorized access
85. A — The website uses a secure, encrypted connection
86. B — A saved link to a website so you can return to it easily
87. Different sources may have different information, and checking multiple helps verify accuracy
88. A browser is the app you use to access the internet; a search engine helps you find specific websites
89. Strangers could use that information in harmful ways
90. It belongs to an educational institution like a school or university
Matching (Digital Literacy & Technology): 1→A, 2→E, 3→C, 4→B, 5→D
91. A — A score given by users to show how good or useful they think the app is
92. A — To share detailed feedback about what the user liked or disliked about the app
93. C — A label showing the minimum age recommended for using the app based on its content
94. D — Items or features you can buy with real money inside an app after downloading it
95. C — The visual design and layout that users see and interact with on screen
96. B — A new version of the app released by the developer that may fix bugs or add features
97. It may include in-app purchases, show ads that take your time, or collect your personal data
98. The description is written by the developer to promote the app, while reviews come from actual users sharing their experiences
99. Positive reviews show strengths while negative reviews reveal problems, giving a complete picture
100. Permissions show exactly what data and device features the app wants to access
Matching (Digital Literacy & Technology): 1→E, 2→C, 3→D, 4→B, 5→A
101. C — A container used to group and organize related files together

102. C — A list at the beginning showing the sections and their page numbers so readers can find information quickly
103. B — Arranging items in a specific order, such as alphabetical, numerical, or by date
104. B — A keyword attached to a file or item to make it easier to find when searching
105. C — A digital tool that organizes information into rows and columns for sorting and calculating data
106. A — A structured plan showing main ideas and supporting details in a hierarchical format
107. Clear file names help you quickly identify what is inside without opening every file
108. Categories group related items together, making it easier to see patterns and relationships between pieces of information
109. Organizing by date arranges files in time order, while organizing by topic groups files about the same subject together
110. Fields define the categories of information collected, and records store the actual data for each entry, creating a structured system
Matching (Digital Literacy & Technology): 1→A, 2→B, 3→C, 4→D, 5→E
111. D — Creating slideshows with text, images, and sometimes animations to share information with an audience
112. A — A service that saves your files on remote servers accessible from any device with internet
113. D — A software application for creating, editing, and formatting text documents
114. B — Working together with other people on the same document or project at the same time or at different times
115. C — Helping students manage their time by tracking how long they spend on tasks or study sessions
116. D — A square pattern of black and white squares that a device can scan to quickly open a link or information
117. It automatically identifies potential spelling mistakes and grammar errors, suggesting corrections you can accept or reject
118. To show students and teachers how much work has been completed and which areas need more practice

119. A mind map shows connections between ideas visually, while a list only shows items in sequence
120. It saves previous versions of the document so you can see what changed over time or undo mistakes by going back to an earlier version
Matching (Digital Literacy & Technology): 1→A, 2→B, 3→C, 4→E, 5→D
121. B — Whether the app matches the subject or skill you want to learn
122. C — The amount of time spent using digital devices; managing it helps maintain a healthy balance with other activities
123. A — Reviewing material at increasing time intervals to improve long-term memory
124. B — Medical illustration, which requires understanding anatomy AND artistic skill
125. B — A line graph with time on the horizontal axis and scores on the vertical axis
126. A — This is false; creativity is a skill that can be developed through practice, techniques, and the right mindset
127. An educational institution like a university
128. Setting specific learning goals, finding resources at your level, and tracking your progress over time
129. Age ratings tell you if the content is appropriate for your age group
130. Using technology to repeatedly hurt, embarrass, or intimidate someone
Matching (App Discovery): 1→D, 2→A, 3→C, 4→B, 5→E
131. B — "Features include progress reports and performance analytics"
132. C — A collection of your best work over time that shows growth and achievement
133. A — Generating many different ideas or solutions from a single starting point
134. A — A person with deep expertise in one area (the vertical bar) and broad knowledge across many areas (the horizontal bar)
135. A — The original creator has legal rights over their work, and you need permission to use it
136. D — Believing that with effort and the right strategies, you can improve your ability in that subject
137. Math (for budgets), language arts (for communication), and social studies (for understanding markets)

138. A period where progress seems to stop even though you are still putting in effort
139. Divergent thinking—the ability to generate many different ideas quickly
140. Narrows results to only include items containing both terms
Matching (App Discovery): 1→C, 2→A, 3→E, 4→B, 5→D
141. A — Considering the potential consequences of your online content before sharing it publicly
142. C — Breaking large amounts of information into smaller, manageable groups
143. D — Skills or concepts learned in one subject that can be applied in other subjects or situations
144. B — A visual display that uses colors to show areas of strength (often green) and weakness (often red)
145. B — It provides seven prompts (Substitute, Combine, Adapt, Modify, Put to other use, Eliminate, Reverse) to transform existing ideas
146. B — Reviewing material at increasing intervals over time, which strengthens memory by repeatedly retrieving information before it's forgotten
147. You can download the app for free, but some features cost money to unlock
148. Someone who speaks up or takes action when they see someone being treated badly online
149. Explain a concept in simple terms as if teaching a child, identify gaps, and study those gaps
150. Language arts, which teaches critical reading, source evaluation, and argument analysis
Matching (App Discovery): 1→B, 2→C, 3→D, 4→E, 5→A
151. D — A section where parents can view their child's progress, set time limits, and manage settings
152. B — Mixing topics forces your brain to distinguish between concepts and strengthens retrieval practice
153. A — Using scientific knowledge to solve practical, real-world problems
154. C — Evaluating your own learning, skills, or performance based on specific criteria
155. D — Look for the same information on other credible websites to verify it
156. D — The belief that abilities and intelligence can be developed through effort

and learning

- 157. Ask your teacher for recommendations, read expert reviews, and try apps that match your learning goals
- 158. Do not participate, save evidence if possible, and report it to a trusted adult
- 159. Visual learning
- 160. Scientists must write clear lab reports, research papers, and explanations of their findings
Matching (App Discovery): 1→A, 2→E, 3→C, 4→D, 5→B
- 161. Because it was always helping you find the right subject!
- 162. "Let me show you around -- I know all 126 apps on a first-name basis!"
- 163. To get to the next app on the curriculum!
- 164. A portal-folio!
- 165. It had experience in every subject!
- 166. "We should work together -- it's a formula for success!"

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