

Kids Learn!

Lessons and Activities

12th Grade

Table of Contents

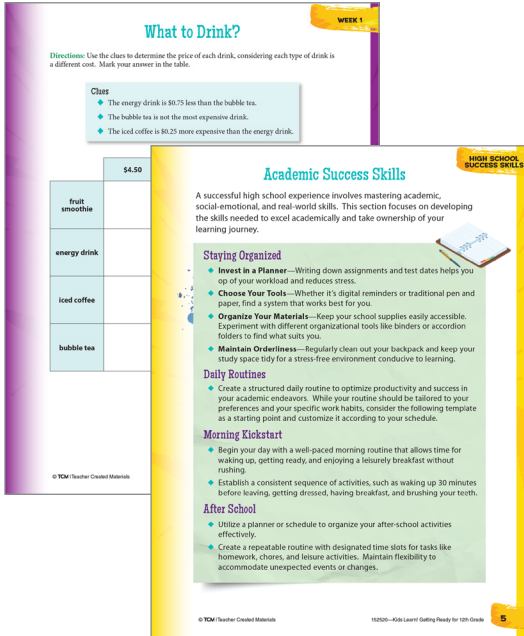
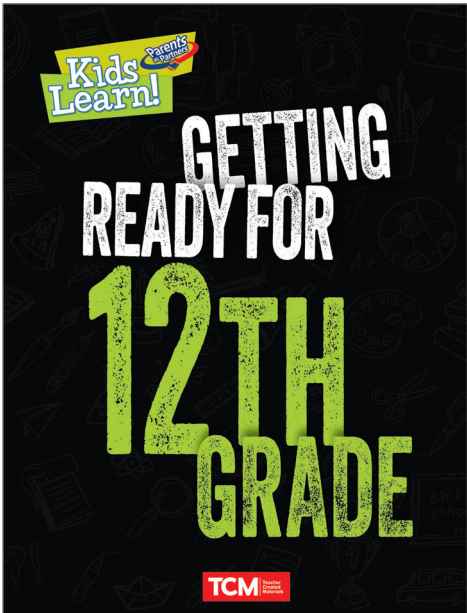
Cover (1 page)

Table of Contents (1 page)

Welcome Letter (1 page)

High School Success Skills (3 pages)

Lesson (4 pages)





GETTING
READY FOR

12TH
GRADE

Table of Contents

Welcome Letter	4
High School Success Skills	
Academic Success Skills	5
Study Smarter, Not Harder	6
Understanding Financial Literacy	7
Navigating Financial Planning	8
Understanding Assets and Investment	9
Investing	10
Personality Insight & Deciding a Career	11
Weekly Activities	
Week 1 Activities	13
Week 2 Activities	25
Week 3 Activities	37
Week 4 Activities	49
Week 5 Activities	61
Week 6 Activities	73
Week 7 Activities	85
Week 8 Activities	97
Week 9 Activities	109
Preparing for Assessments	
Types of Assessments	121
About Assessment Questions	124
Successful Study Habits	126
Do Your Best on the Test	129
Answer Key	131
My Journal	137



Welcome Letter

Dear Student,

Welcome to your senior year, a pivotal chapter in your high school journey! This year presents countless opportunities for both academic growth and personal development. As you delve into a variety of subjects, electives, and extracurricular activities, take the time to explore any last paths that high school has to offer. Whether it's immersing yourself in clubs like journalism or music production or participating in sports like soccer or esports, embrace the chance to expand your horizons.

Embrace the role of a leader as you navigate this crucial phase of your education. Take ownership of your learning journey by dedicating focused time each day to engage with your studies. Reflect on the lessons learned, using the My Journal pages in the book for personal insights and reflections. Leading with purpose ensures a rewarding and fulfilling senior experience, setting the stage for success beyond high school. Here are some tips to make the most out of this book and your senior year experience:

- ◆ Dedicate specific time slots each day to work on activities.
- ◆ Engage in reflective exercises on a daily basis.
- ◆ Record thoughts and reflections in a private and creative manner.
- ◆ Utilize the flexibility of the My Journal pages to express yourself freely.

By incorporating these strategies into your daily routine, you'll maximize your learning potential and make the most of your senior year experience.

Academic Success Skills

A successful high school experience involves mastering academic, social-emotional, and real-world skills. This section focuses on developing the skills needed to excel academically and take ownership of your learning journey.



Staying Organized

- ◆ **Invest in a Planner**—Writing down assignments and test dates helps you op of your workload and reduces stress.
- ◆ **Choose Your Tools**—Whether it’s digital reminders or traditional pen and paper, find a system that works best for you.
- ◆ **Organize Your Materials**—Keep your school supplies easily accessible. Experiment with different organizational tools like binders or accordion folders to find what suits you.
- ◆ **Maintain Orderliness**—Regularly clean out your backpack and keep your study space tidy for a stress-free environment conducive to learning.

Daily Routines

- ◆ Create a structured daily routine to optimize productivity and success in your academic endeavors. While your routine should be tailored to your preferences and your specific work habits, consider the following template as a starting point and customize it according to your schedule.

Morning Kickstart

- ◆ Begin your day with a well-paced morning routine that allows time for waking up, getting ready, and enjoying a leisurely breakfast without rushing.
- ◆ Establish a consistent sequence of activities, such as waking up 30 minutes before leaving, getting dressed, having breakfast, and brushing your teeth.

After School

- ◆ Utilize a planner or schedule to organize your after-school activities effectively.
- ◆ Create a repeatable routine with designated time slots for tasks like homework, chores, and leisure activities. Maintain flexibility to accommodate unexpected events or changes.

Understanding Financial Literacy

Financial literacy is a fundamental concept encompassing the knowledge and skills necessary for making smart decisions regarding one's finances. This section of this book is truly critical as regardless of your academic or career pursuits, managing money effectively is crucial for personal well-being and success. Let's delve into what financial literacy entails and how you can enhance your understanding.

Where Should You Get Financial Advice?

The world of finance is extremely complex and can be confusing and worrisome without help—this is true even for adults who are doctors, lawyers, teachers, and so on. Therefore, it is important that you consider that the first step to being financially literate is knowing how to get good financial advice.

- ◆ Just as you wouldn't ask an English teacher for help with math homework, it's essential to seek guidance from individuals with relevant expertise when it comes to financial matters. Whether it's consulting a real estate broker for home buying or seeking advice on online banking, knowing specifically whom to ask for specific help is key to making wise decisions.
- ◆ This same logic applies to receiving financial advice from friends, family, or acquaintances. Your uncle or grandma might be a great person, but think about how much they might know about complex financial decisions. Consider the expertise and experience of the individual offering advice before making decisions with your money. Trust advice from those with relevant knowledge and expertise in the subject matter.



Personality Insight & Deciding a Career

Navigating the path toward college and career success requires careful consideration and proactive planning. Whether you're just beginning to explore your options or have long-standing aspirations, it's essential to recognize the significance of your present decisions in shaping your future trajectory. Let's delve into key strategies for achieving success in college and career pursuits.

Self-Reflection

- ◆ Take a moment to introspect and identify your strengths. Your strengths play a significant role in shaping your future college and career experiences. Reflect on how your unique attributes can contribute to your success and fulfillment in various endeavors. Consider your interests, passions, talents, and any other positive qualities that define you. Reflect on past experiences where you excelled or felt most engaged.
- ◆ Explore your personality further by taking assessments like the Myers-Briggs Personality Test or other reputable online quizzes. These tools can offer insights into how your personality traits may align with specific workplaces or career paths.

A Way to Align Your Choices with Values and Goals

The term *IKIGAI* is a Japanese concept that translates roughly to "Reason for Being." In essence, this concept is super helpful with evaluating how your strengths and how your decisions resonate with your values and aspirations. Consider utilizing IKIGAI as a framework to guide your reflection process, integrating the skills introduced throughout this book into your journey.



Use the Concept IKIGAI

- ◆ It's crucial to approach your IKIGAI and future goals with flexibility. Allow yourself to make changes when it feels necessary. Consistent reflection on this section can help you identify the skills you should cultivate in high school that will best prepare you for college and career success.

Summarizing

Directions: To summarize a text, restate the main ideas while focusing on the most important facts and details. After reading the article, think about how you would summarize it in two or three sentences.

Why Rainforests Matter

A rainforest is an area with a dense tree canopy and a high annual rainfall. Rainforests contain a rich biodiversity—plants, animals, and other living things in a certain area—that are awe-inspiring. Beautiful and inspiring, rainforests also serve a vital purpose in supporting human life and maintaining the well-being of our planet. Keeping rainforests whole and healthy is crucial.

Rainforests only cover a small percentage of Earth’s surface, but they produce about 20 percent of our planet’s oxygen. Through the process of photosynthesis, the plants in these rain forests absorb carbon dioxide and produce oxygen necessary for life on Earth. Because of this, some people call rainforests Earth’s “thermostat” or “lungs.”

Earth’s water cycle also relies on rainforests. Rainforests generate a significant amount of moisture, averaging from 80 to 400 inches per year and producing up to 75 percent of their own rain. Much of this water is delivered back to the atmosphere, where it falls across the planet as rain. Moisture that builds in the Amazon Rainforest, for example, might later turn into rainfall over California. In fact, more than half of the rain that falls on rainforests returns to the atmosphere.

Humans rely on rainforests not only for their ecological importance but also for the development of life-saving products. From asthma to malaria, tropical plants can treat many illnesses. Over 25 percent of all medicines originate from compounds in tropical forest plants! More than half of the plants used to create cancer medications grow exclusively in rainforests. In addition, rainforests also provide a variety of fruits and nuts vital for both human and animal survival. This abundance of food makes it possible for many rainforest creatures to thrive in the canopy.

These natural and human uses of rainforests typically take place without harm to the rainforests themselves. However, excessive human use of rainforest land and resources is leading to their destruction, often with little consideration for the global impact. For example, farming and logging activities are moving into rainforest areas, clearing land for agriculture and timber removal. In the past, about 14 percent of Earth’s surface was covered by rainforests, but now it’s only about 6 percent due to widespread deforestation. This loss of rainforest habitat has caused the extinction of many plant and animal species, disrupting ecological balances and putting biodiversity at risk.

The vital ecosystem of a rainforest is diverse, and all living things there are interconnected. Many of the plants and animals rely on one another to survive. Humans also depend on rainforests for certain foods and medicines and for the well-being of the planet. Rainforests need to be protected, as they make a difference and help sustain our global community.

Summarizing (cont.)

Directions: Answer the questions about the article “Why Rainforests Matter.”

- Which sentence best summarizes this text?
 - Rainforests are vital to life on Earth.
 - Rainforests are inspiring places to visit.
 - Rainforests are rapidly being destroyed.
 - Rainforests cover a small part of Earth’s surface.
- Which new paragraph topic would strengthen the article’s claims about biodiversity?
 - a comparison of tropical versus temperate rainforests
 - a description of where rainforests are located on Earth
 - an explanation of the four different layers of a rainforest
 - a list of animals and plants that live exclusively in rainforests
- What evidence does the author give to support the claim that rainforests help keep humans healthy?
 - Rainforests are being converted to farmland.
 - Some Indigenous communities live in rainforests.
 - Some cancer medications are derived from rainforest plants.
 - Moisture from rainforests falls in other places, such as California.
- According to the article, which industry is most directly contributing to rapid deforestation of rainforests?
 - farming and logging
 - health and wellness
 - international travel
 - prescription drugs



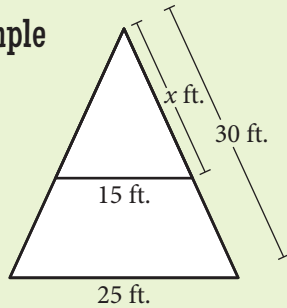
- Write a two- to three-sentence summary of “Why Rainforests Matter.”

Scale Drawings

Directions: Use the scale factor to find each missing side length. Round decimals to the nearest tenth.

A **scale factor** is a number by which the size of a geometric figure or shape can be changed with respect to its original size. This applies to when a shape is enlarged or reduced. The ratio between all side lengths must remain consistent.

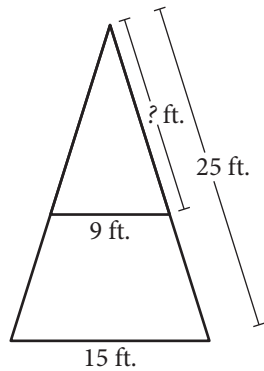
Example



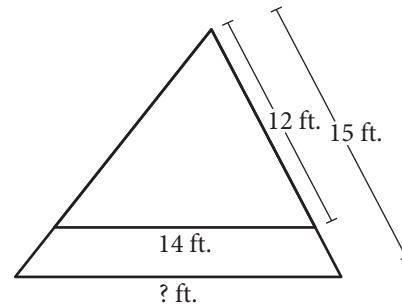
$$\frac{25}{15} = \frac{30}{x} \rightarrow 25 \times x = 15 \times 30 \rightarrow 25x = 450 \rightarrow x = 18$$

$$x = 18 \text{ feet}$$

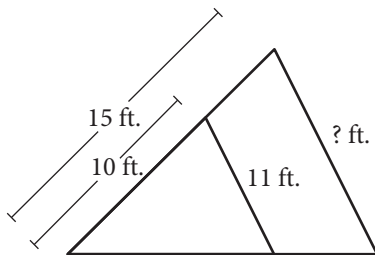
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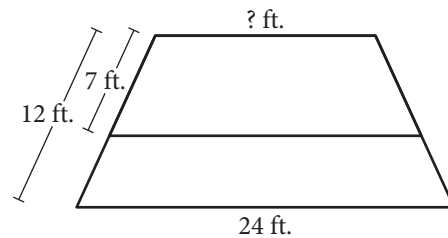
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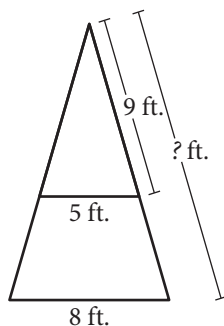
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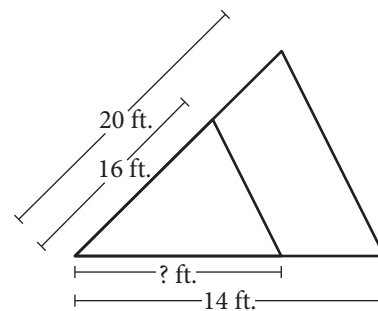
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5.



6.



What to Drink?

Directions: Use the clues to determine the price of each drink, considering each type of drink is a different cost. Mark your answer in the table.

Clues

- ◆ The energy drink is \$0.75 less than the bubble tea.
- ◆ The bubble tea is not the most expensive drink.
- ◆ The iced coffee is \$0.25 more expensive than the energy drink.

	\$4.50	\$4.75	\$5.25	\$5.50
fruit smoothie				
energy drink				
iced coffee				
bubble tea				

