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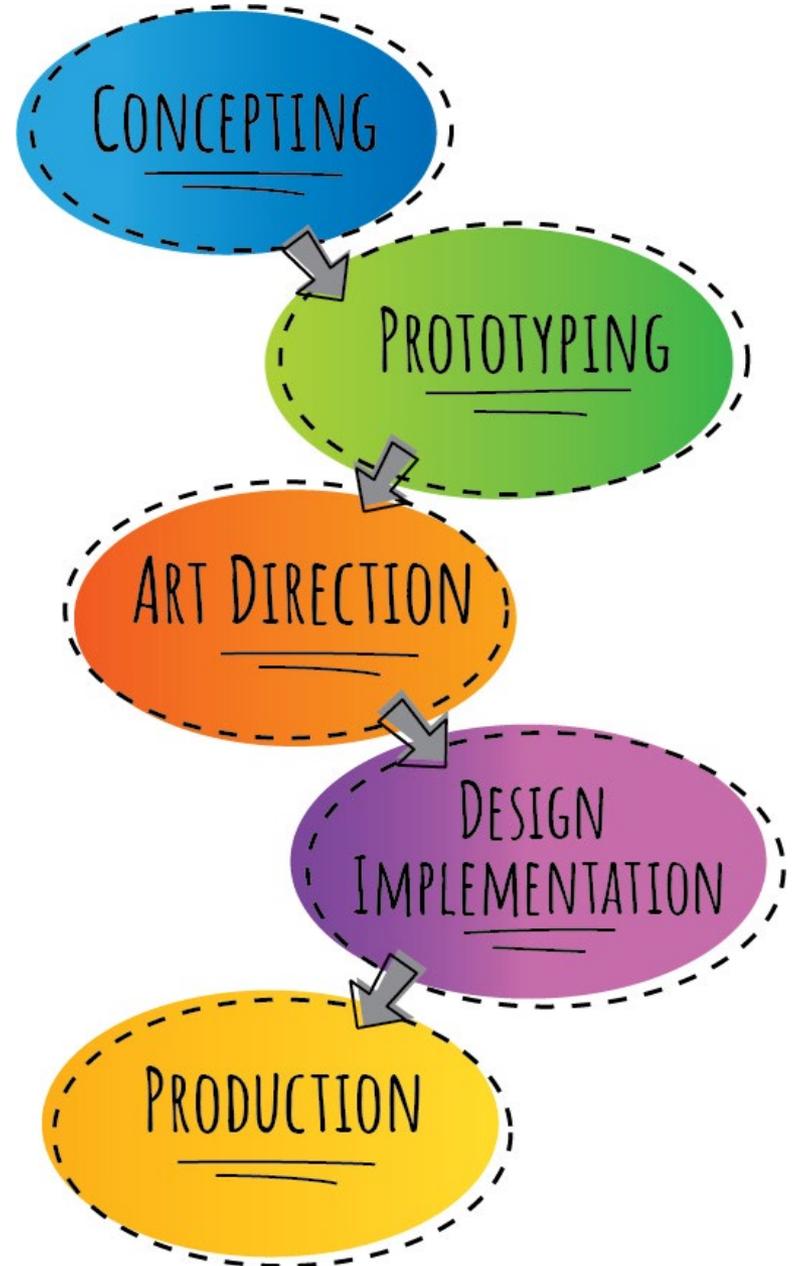
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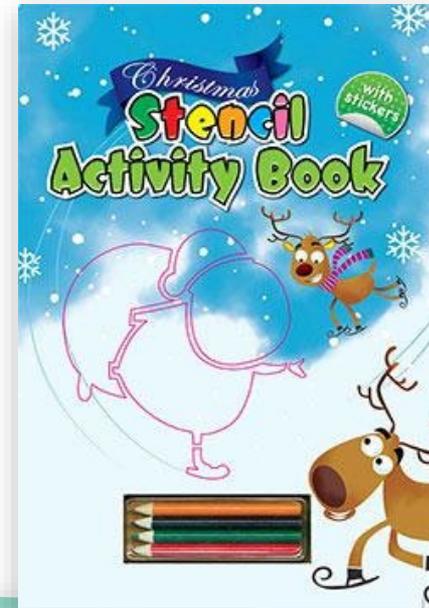
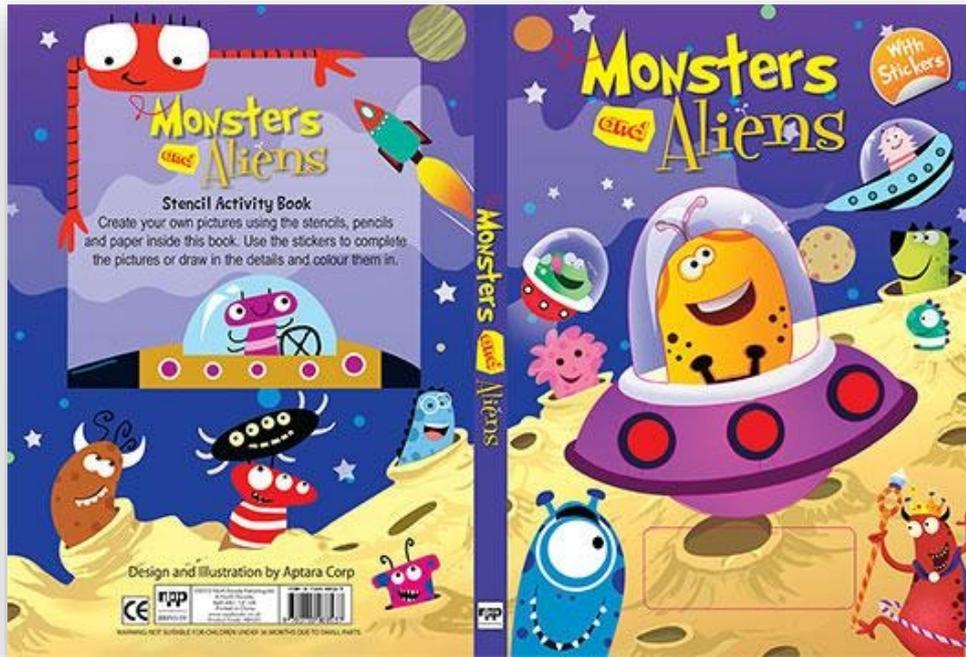
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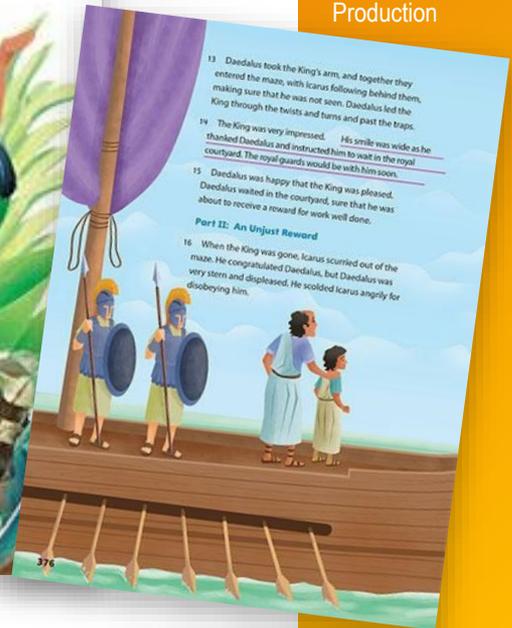
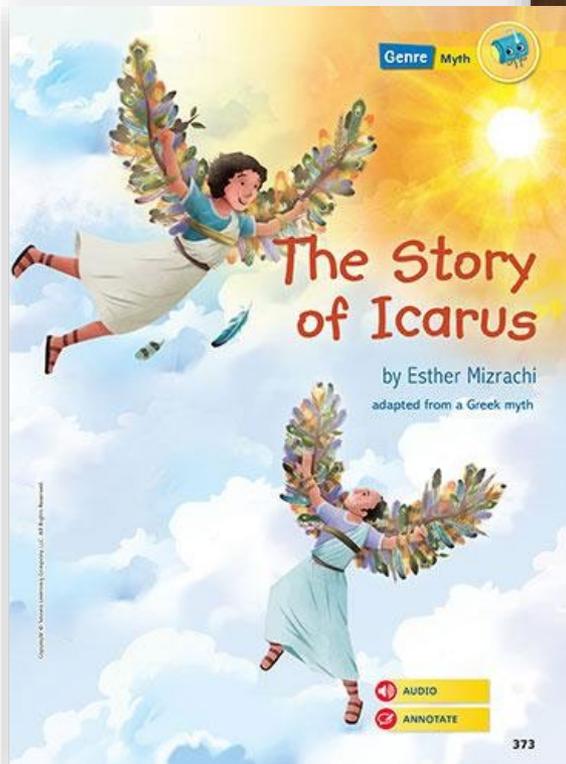
From conceptualization to implementation, our designers work in tandem with our editorial, composition, digital, and illustration groups to offer a seamless suite of services.





PRODUCT
Activity Booklets
and Stickers, K-3

SERVICES
Concepting
Cover Design
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13 Daedalus took the King's arm, and together they entered the maze, with Icarus following behind them, making sure that he was not seen. Daedalus led the King through the twists and turns and past the traps.

14 The King was very impressed. His smile was wide as he shook Daedalus and instructed him to wait in the royal courtyard. The royal guards would be with him soon.

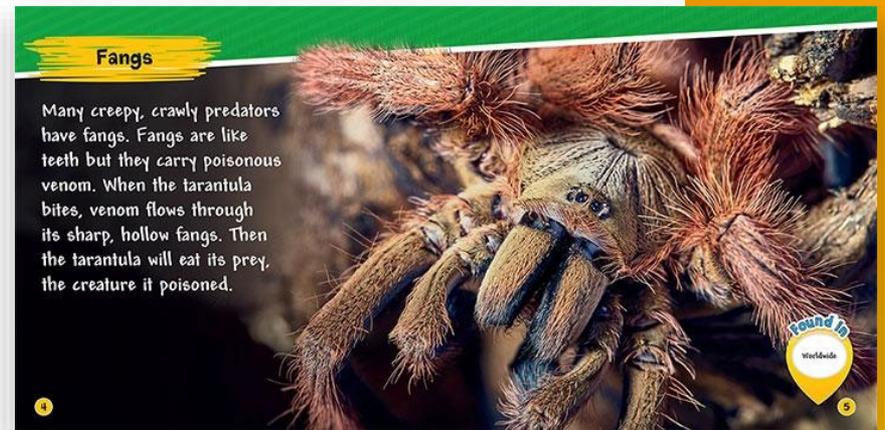
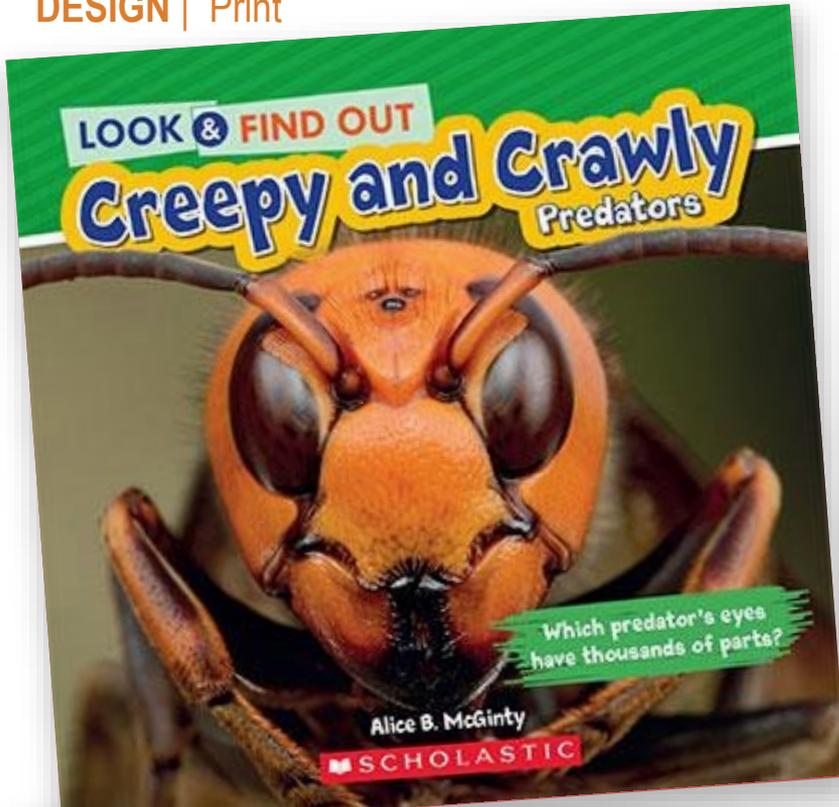
15 Daedalus was happy that the King was pleased. Daedalus waited in the courtyard, sure that he was about to receive a reward for work well done.

Part II: An Unjust Reward

16 When the King was gone, Icarus scurried out of the maze. He congratulated Daedalus, but Daedalus was very stern and displeased. He scolded Icarus angrily for disobeying him.

PRODUCT
Reading
International
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PRODUCT
Science Reader
Series, Gr 3-5

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Song Time
I Like Living Here with YOU!
(to the tune of "This Old Man")

This is my neighborhood.
Join our game, we wish you would,
With a dog, a bird, a friend, or two!
I like living here with you.

22 Chapter 2 Where We Live

THEN & NOW

POWWOW!

Powwows, or *pau-waus*, were originally American Indian healing ceremonies. These ceremonies were led by tribal leaders as far back as the early 1800s. The Ponca peoples of Nebraska and the Pawnee peoples of Oklahoma were some of the first to have powwows.

Today, there is no one way to have a powwow. Many tribes honor the circle of life by forming a circle of people singing, dancing, or drumming. Food and healing rituals can be part of the event. Sometimes reenactments of ancient folk tales and myths are included.

Powwows are celebrations of identity held all over the country. American Indians often travel hundreds or even thousands of miles to gather together and celebrate friendship, tradition, and memory. Some of the largest powwows are held in California. Everyone is welcome!

Powwows help preserve native culture and educate the public.

12 Chapter 1 California's Geography and Early People

IN OUR DAY

Explorer LONNIE DUPRE

Lonnie Dupre is a real-world explorer! He has traveled in some of the coldest places in the world. And he has found that climate change is hurting the Earth, our home.

Lonnie Dupre launched One World Endeavors, which has one goal: to spread the word about how important the Arctic region is for the well-being of the whole planet. Its primary efforts are to inspire worldwide movements dedicated both to fighting pollution and to addressing climate change.

"For as long as I can remember, I have loved snow and ice. As a result, I have spent most of my life exploring the Arctic region. These journeys have brought such joy and beauty to my life that I have dedicated myself to helping preserve these wonderful frozen places. More than ever before, I am driven to share my passion for the Arctic, a region whose health and stability have far-reaching consequences for us all . . ."

— Lonnie Dupre

CLIMATE CHANGE DOESN'T HAVE TO STOP! WE CAN STOP IT. JUST ASK LONNIE DUPRE!

PRODUCT
Magazine, Gr K-4

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Unit 6 **Different Places**

THE BIG QUESTION How are countries alike and different?

People in different places have different cultures and languages. Tell the class about other countries you know.

View and Respond

- ▶ Watch the video. What is it about? Talk about the poster. What does it show?
- 📖 Visit Pearson English Portal.

294 295

Unit 3 **Telling Tales**

THE BIG QUESTION What do the characters in tales have in common?

Everyone enjoys a good story. You will read two tales and a play. They are different genres, or types of literature. What stories do you like to tell or read?

Listening and Speaking
You will talk about telling tales. In the Listening and Speaking Workshop, you will perform a play.

Writing
You will practice narrative writing. In the Writing Workshop, you will write a story.

Quick Write
What is your favorite story? Describe what happens.

View and Respond

- ▶ Talk about the poster for this unit. Then, search and listen to the video and answer the questions at Pearson English Portal.

Reading 1 Pouterquill Tale
Why Mosquitoes Buzz in People's Ears

Reading 2 Play
The Shoemakers and the Elves

Reading 3 Tall Tale
John Henry and the Machine

130 UNIT 3 131

Build Unit Background

Kids' Stories from around the World

Pedro
In Costa Rica, we have many rain forests. Our rain forests are in danger. Some people want to cut down the trees. Then the animals will not have homes. My parents and I try to help. We teach people about the animals in the rain forest.

Abebe
I live in Ethiopia. I want to be a good runner. Each morning, I train before I go to school. Each afternoon, I train after school. Then I go home and do my homework. If I train hard, I can be a great runner.

Krishna
I live in India. Every day after school, I do my homework. Then I go to see my chess coach. I play chess with her for two hours. If I work hard, I can enter a chess contest.

Yama
I practice taekwon do three times a week. Taekwon do is a martial art from Korea. It is hard, but I like it. We learn to kick. We learn to move fast. If I practice, I can become strong.

What about you?

1. What do you challenge yourself to do, either every day or a few times a week?
2. How did you meet a big challenge in your life? Share your story.

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Unit 3 Contents

Telling Tales

Unit Opener	The Big Question: What do the characters in tales have in common?	page 130
Build Unit Vocabulary	What do you know about reading?	page 132
Build Unit Background	Kids' Stories from around the World	page 134
Reading 1: Literature / Pouterquill Tale		
Prepare to Read	Key Words: rabbit, mischief, nonsense, duty, satisfied, council	page 136
	Academic Words: emerge, react, respect	page 138
	Phonics: Long Vowel Pair: ay	page 139
Reading Selection	Why Mosquitoes Buzz in People's Ears by Fern Walker	page 140
	More About the Big Question: Reading Strategy: Identify Events in a Plot	page 140
Learning Strategies	Sequence of Events	page 146
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ELL
Gr 4-8

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Reading 1
Literature
Folklore

Let a purpose for reading: Read this folktale about two brothers who each plant a magic seed. Why do they get such different results?

A Tale of Two Brothers

A Korean folktale

Long ago, there were two brothers named Heungbu and Noibu, who lived with their father on a rice farm in Korea. When their father grew old and sick, Heungbu, who was the younger brother, said, "Brother, we must take care of our father." Every day, Heungbu brought his father food and tea and medicine, but Noibu, the older brother, was too busy going out to parties and seeing friends.

After their father died, Heungbu said, "You and I should work together on the farm and share the profits."

"Surely you misheard me!" said Noibu. "The farm is all mine, for I am the older brother, but do not worry, I will give you a plot of your own."

Noibu gave Heungbu a tiny, shaded plot of land where rice would not grow, and Heungbu became very poor. Noibu, on the other hand, enjoyed a good harvest each year and lived a comfortable life.

One winter day when Heungbu was in his yard, he noticed a swallow huddling around on a broken log, so he brought the bird indoors and wrapped its broken leg to help it heal.

profit, money that you gain by selling something during business hours, the time when shops are gathered near the field.

Reading Skill
You have reading about with a partner. At you listen, use the visuals to help clarify words at hand. Discuss free words in story with your partner to gain understanding.



Before You Go On
1. What did Heungbu do when he noticed an injured bird?
2. What did Noibu find made his meter?

On Your Own
What do you think is the lesson that can



When spring came, the swallow returned and dropped a seed at Heungbu's feet. Heungbu understood that the seed was a thank-you gift and planted it. Soon, a flower-filled vine sprang up, and within a week, the flowers turned into huge melons. As Heungbu cut one open, he could almost taste the juicy sweet fruit but, to his surprise, the inside of the melon had no fruit at all. Instead, it was filled with gold and gemstones. He cut open the other melons and found riches in every one. He had become a wealthy man!

Soon, Noibu heard about his brother's great wealth, and he demanded to know how it happened. After hearing the story, Noibu went out into his yard, caught a swallow, and broke its leg, imitating the bird's cries of pain. Noibu then wrapped the bird's leg in cloth the way his brother had done.

The swallow came back a few days later and dropped a seed at Noibu's feet. "Finally, I will be rich!" Noibu thought.

Noibu planted the seed and, very soon, had his own vine of melons, but when he cut into one, muddy water came rushing out of it, destroying his rice farm and his home.

gemstones, valuable stones that have been cut into a particular shape

Before You Go On

1. What did Heungbu do when he noticed an injured bird?
2. What did Noibu find made his meter?

On Your Own
What do you think is the lesson that can

Reading 1
Literature
Poetry

Let a purpose for reading: As you read, think about why Ba chose the lotus seed as a memory of home. What aspects of home does the seed represent?

The Lotus Seed

Sherry Garland

My grandmother saw the migrant city the day he lost his golden dragon throne. She wanted something to remember him by, so she took down to the silent palace, and gladdened a seed from a lotus pond that settled in the tropical garden. She hid the seed in a special place under the family altar, wrapped in a piece of silk. Even the **wee** she wore that day. Whenever she felt sad or lonely, she took out the seed and thought of the brave young emperor. And when she married a young man chosen by her parents, she carried the seed inside her pocket for good luck, long life, and many children.

When her husband married off to war, she raised her children alone. One day he was still all around, and nothing **clattered** down to drink. She took the time to grab the seed, but left her mother-of-pearl hair comb lying on the floor. One terrible day her family was killed into a crowded boat and she could see a swampy sea. Ba washed the mountains and the waving **paths** she took far away. She held the seed in her shaking fingers and silently said good-bye. She arrived on a strange new land with blinking lights and spreading cars and towering buildings that wrapped the sky and a language she didn't understand.

LITERARY CHECK
What is the seed a symbol of? What does it represent to Ba?

Reading Skill
Use your reading skills to identify each stanza of the poem. Circle the key words that help you understand the poem. Take time to discuss with your partner. How does the poet use words to help you understand the poem?

Before You Go On
1. What caused the emperor to cry?
2. How can you tell that Ba is attached to the young emperor?

On Your Own
What happened on the day "Bonds had as strong"? How did the city affect Ba?

Reading 1 213



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ELL

Gr K-3

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Unit 5 What is the human spirit?

2 BIG This unit is about the human spirit. You will read an informational text that describes someone who conquers life's obstacles with determination. You will also read literature about individuals who demonstrate the human spirit in the face of adversity. Reading, writing, and talking about these topics will help you practice using academic language and will help you become a better student.



Reading 1 Social Studies
"Alone on a Raft"
Reading Strategy: Main idea and details

Reading 2 Play
"Three Letters: A Play in One Act" by Fran Hodgkins
Reading Strategy: Read aloud

Reading 3 Short Story
"A Race in the World"
Reading Strategy: Make inferences

Listening and Speaking - Radio Commercial
At the end of this unit, you will choose a topic and create and present a **radio commercial**.

Writing - Persuasive Speech
At the end of this unit, you will write a **persuasive speech**. To help you do this, you will write a letter to the editor, a persuasive paragraph, and a review.

Quick Write
Write a few sentences about a time when you or someone you know had to face something difficult. How did you or that person deal with it?

View and Respond
Go to your **Digital Resources**. Watch the video and answer the questions.

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Academic Words: attached, conspiracy, consequence, prior 312
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Reading Strategy: Connect Ideas 314

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Review and Practice **Listening and Speaking: Read Aloud** 316
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Grammar **Inverted Word Order in Prose** 321

Writing **Write an Introductory Paragraph** 322

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Prepare to Read **Build Background** 324
Key Words: echolocation, mammal, nocturnal, ping, the wolf, wingspan 325
Academic Words: accurate, beneficial, features, ignorance 326
Word Study: Compound Words 327
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Reading Selection **"Getting to Know Bat Bats" by Laurence Pringle** 329

Review and Practice **Listening and Speaking: In Your Own Words and Read for Fluency** 330
Listening and Speaking: Read Aloud 331
Reading's Reader and Response to Literature 332

Grammar **Noun Clauses as Subjects** 333

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Reading 3: Poetry

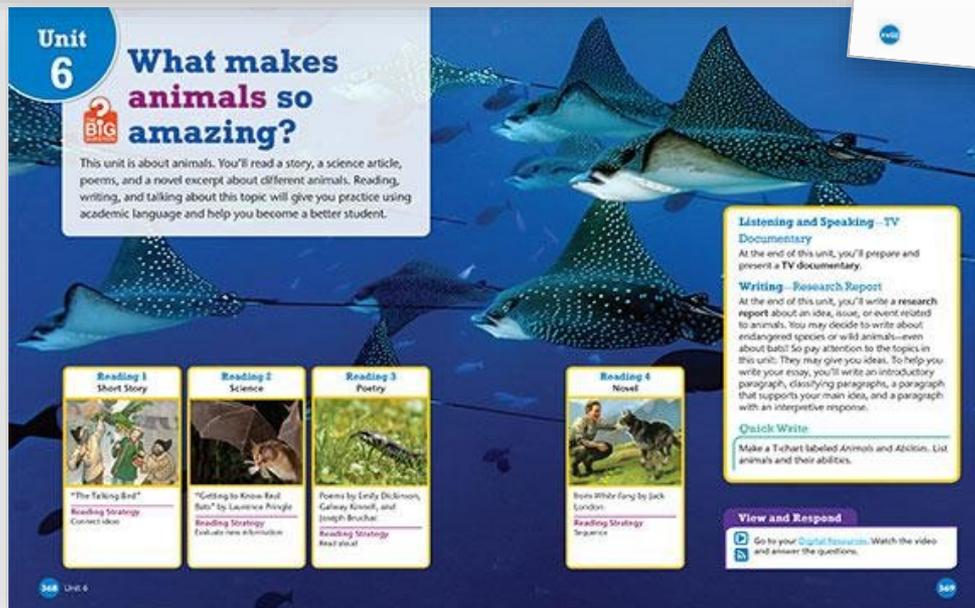
Prepare to Read **Build Background** 400

Literary Words: figurative language, imagery, metaphoric style 401
Academic Words: application, attitude, category, selfish 402
Word Study: Words with Double Letters 403

Reading Strategy: Read Aloud 403

Unit 6 What makes animals so amazing?

2 BIG This unit is about animals. You'll read a story, a science article, poem, and a novel excerpt about different animals. Reading, writing, and talking about this topic will give you practice using academic language and help you become a better student.



Reading 1 Short Story
"The Talking Bird"
Reading Strategy: Connect ideas

Reading 2 Science
"Getting to Know Bat Bats" by Laurence Pringle
Reading Strategy: Evaluate new information

Reading 3 Poetry
Poems by Emily Dickinson, Calver Kinsell, and Joseph Bruchac
Reading Strategy: Read aloud

Reading 4 Novel
"Eyes Wide Fang" by Jack London
Reading Strategy: Sequence

Listening and Speaking - TV Documentary
At the end of this unit, you'll prepare and present a **TV documentary**.

Writing - Research Report
At the end of this unit, you'll write a **research report** about an idea, issue, or event related to animals. You may decide to write about endangered species or wild animals—even about bats! So pay attention to the topics in this unit. They may give you ideas. To help you write your essay, you'll write an introductory paragraph, classifying paragraphs, a paragraph that supports your main idea, and a paragraph with an interpretive response.

Quick Write
Make a T-chart labeled **Animals and Abilities**. List animals and their abilities.

View and Respond
Go to your **Digital Resources**. Watch the video and answer the questions.

TOPIC 2 enVision STEM

Did You Know?

The steepness, or **pitch**, of a roof affects many things, including the installation of solar panels and how much snow the roof can handle.

What Is Roof Pitch?

It takes 8 minutes 18 seconds for the sun's rays to travel 83 million miles to the Earth.

The amount of solar energy that hits the Earth in 1 hour is enough to meet the energy demands of that country's population on Day 1 post.

Roof pitch is closely related to slope. The roof's pitch is $\frac{3}{12}$, which means the roof rises for every 12 inches for every horizontal foot.

Solar panels are a reflection of solar cells. Solar cells convert sunlight to electricity. The solar cells in a solar panel are arranged so that solar energy travels along a specific path.

Many ancient civilizations, including Native Americans, Greeks, and Romans, used solar energy to heat their houses through south-facing windows.

YOUR TASK

Design a Pitched Roof

You and your classmates will analyze roofs to determine their pitch. Then you will design a roof with a pitch that is appropriate for installing solar panels.

288 8•PK 1 STEM Solving Equations and Inequalities

TOPIC 1 enVision STEM

Did You Know?

Almost 50% of wireless users **under age 35** run out of data each month, subjecting them to additional fees.

89% of Americans own a cellphone, and 84% own a smartphone. In general, people keep their cellphones and use them at all times.

With 4GB of Data per Month, Every Day You Can...

- Send Emails with an Attached Photo
- Stream Music
- Stream Video
- Download Games
- Download High-Definition Video

YOUR TASK Choose a Wireless Plan

Choosing a wireless plan takes planning and knowledge about data use, text messaging, and phone usage. You and your classmates will explore the needs of different people, and find each person their most cost-effective wireless plan.

294 8•PK 1 STEM Solving Equations and Inequalities

6-3 Exponential Growth and Decay

EXPLORE & REASON

Only by buying a new car will you learn how the value of her car will change over time. Investigate activities that predict the future value of cars using exponential functions. One such function is applied to the car whose decline value is shown at the right.

1 CAN Use exponential functions to model activities and make predictions.

VOCABULARY

- exponential increase
- decay factor
- exponential decay
- exponential growth
- growth factor

ESSENTIAL QUESTION

What kinds of situations can be modeled with exponential growth or exponential decay functions?

EXAMPLE 1 Exponential Growth

The population of Hillville grows at an annual rate of 12%. What will the estimated population of Hillville be in five years?

You can model exponential growth with a function like $f(x) = a(1 + r)^x$ where a is the initial amount, r is the growth rate, and x is the number of time periods.

$f(x) = a(1 + r)^x$

$f(x) = a(1 + r)^x$

An exponential growth function has a growth factor that is equal to $1 + r$ for the growth rate.

Step 1 Write the exponential growth function that models the expected population growth.

Let $a =$ initial amount, $r =$ growth rate, and $x =$ time periods.

$f(x) = 2500(1 + 0.12)^x$

$f(5) = 2500(1 + 0.12)^5$

$f(5) = 2500(1.12)^5$

$f(5) = 2500(1.76234)$

The function is $f(x) = 2500(1.12)^x$.

MODELS WITH MATHEMATICS

In an exponential growth situation, the change in y is always proportional to the value of y . For example, if the value of y is 100 and it grows by 10% each year, the value of y will be 110 after one year, 121 after two years, and so on. How do you know if a situation is exponential growth?

294 8•PK 1 STEM Solving Equations and Inequalities

7-2 Multiplying Polynomials

MODEL & DISCUSS

Concrete makes the abstract pairing of like terms and like terms.

1 CAN Multiply two polynomials.

EXAMPLE 1 Multiplying a Binomial and a Trinomial

What is the product of $(x + 2)$ and $(x^2 + 3x + 4)$?

Use the Distributive Property. The Distributive Property works for polynomials in the same way that it works for real numbers.

$(x + 2)(x^2 + 3x + 4) = x(x^2 + 3x + 4) + 2(x^2 + 3x + 4)$

$= x^3 + 3x^2 + 4x + 2x^2 + 6x + 8$

The product is $x^3 + 5x^2 + 10x + 8$.

Notice that the product of these two polynomials is a polynomial.

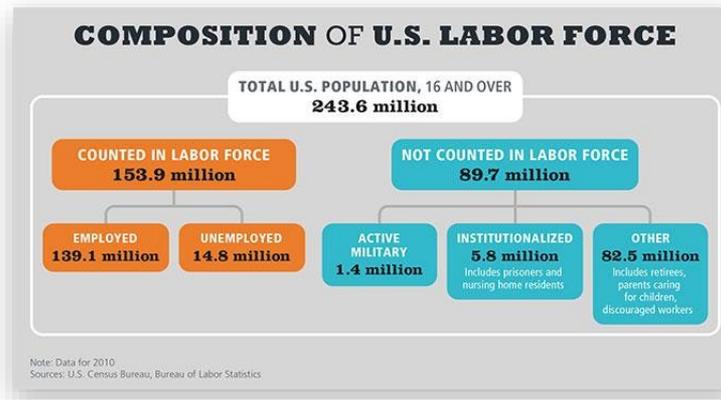
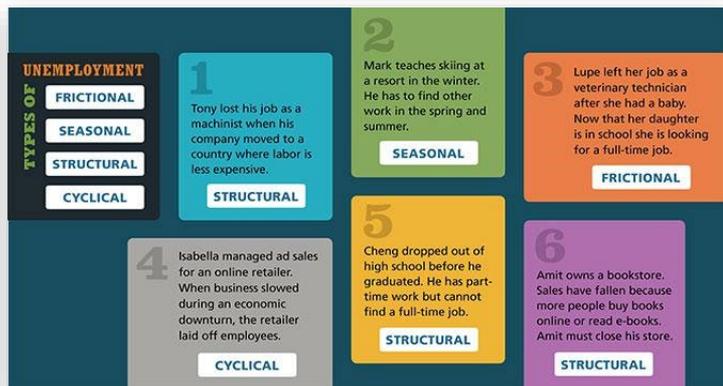
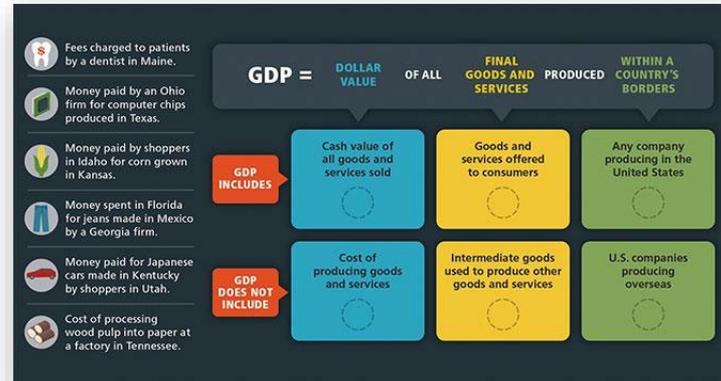
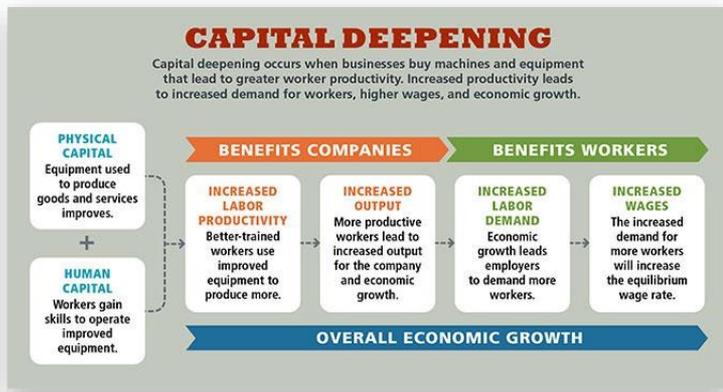
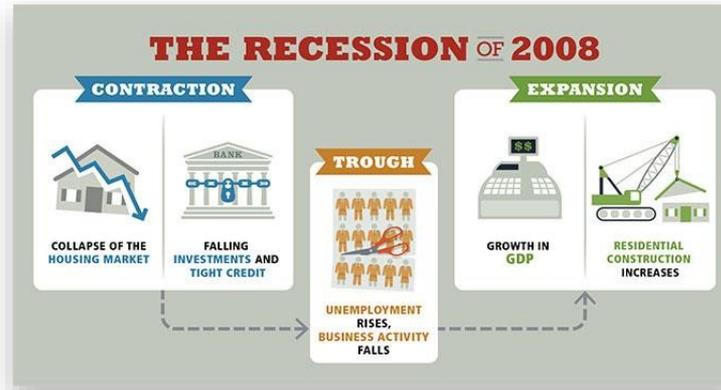
Try It! Find each product.

$(x + 2)(x^2 + 3x + 4)$ $(x - 3)(x^2 + 2x + 1)$

302 8•PK 2 Multiplying Polynomials

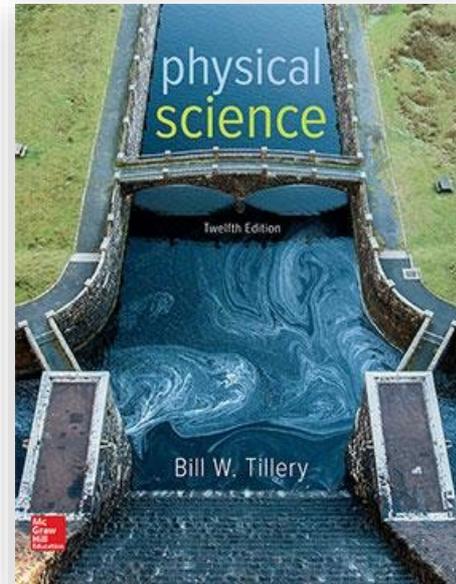
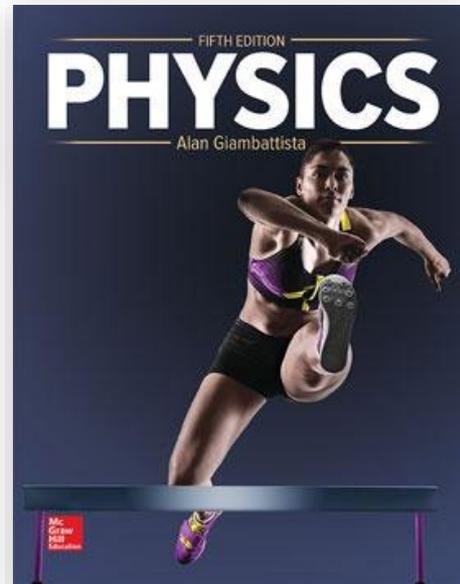
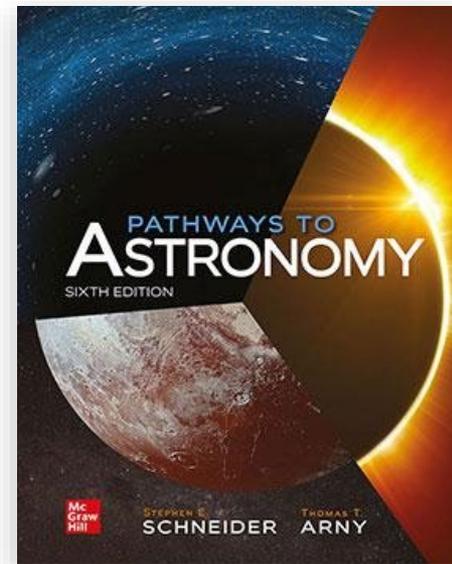
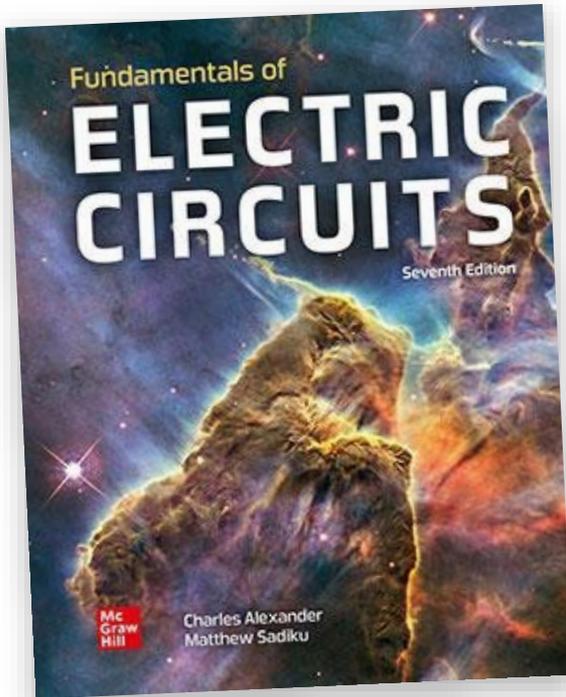
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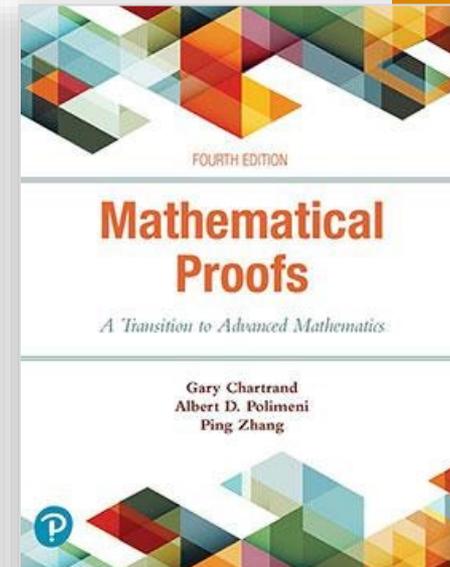
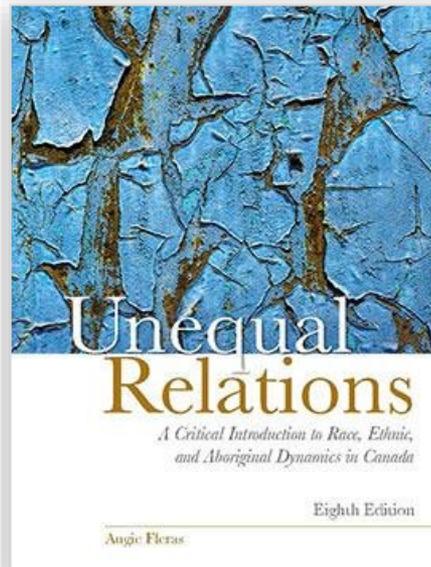
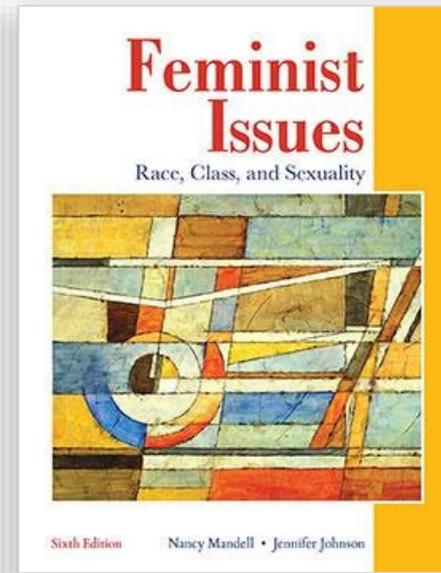
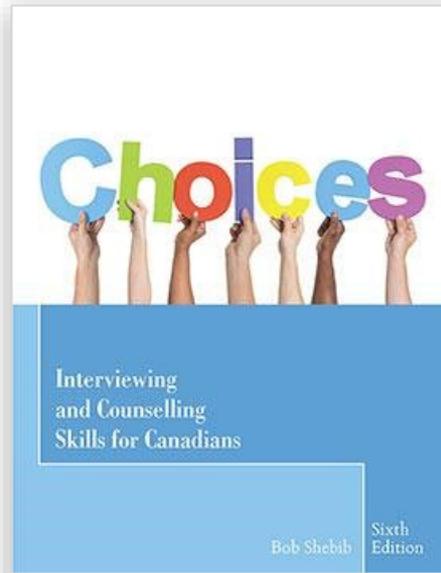
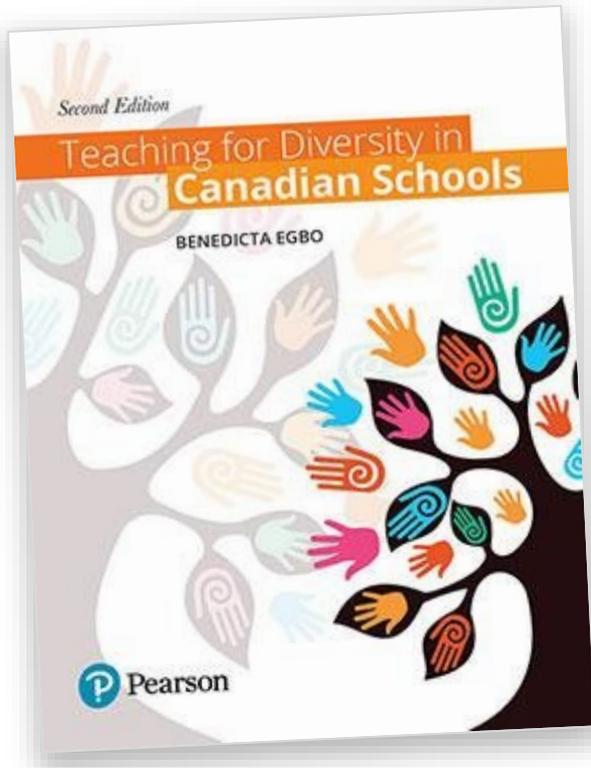
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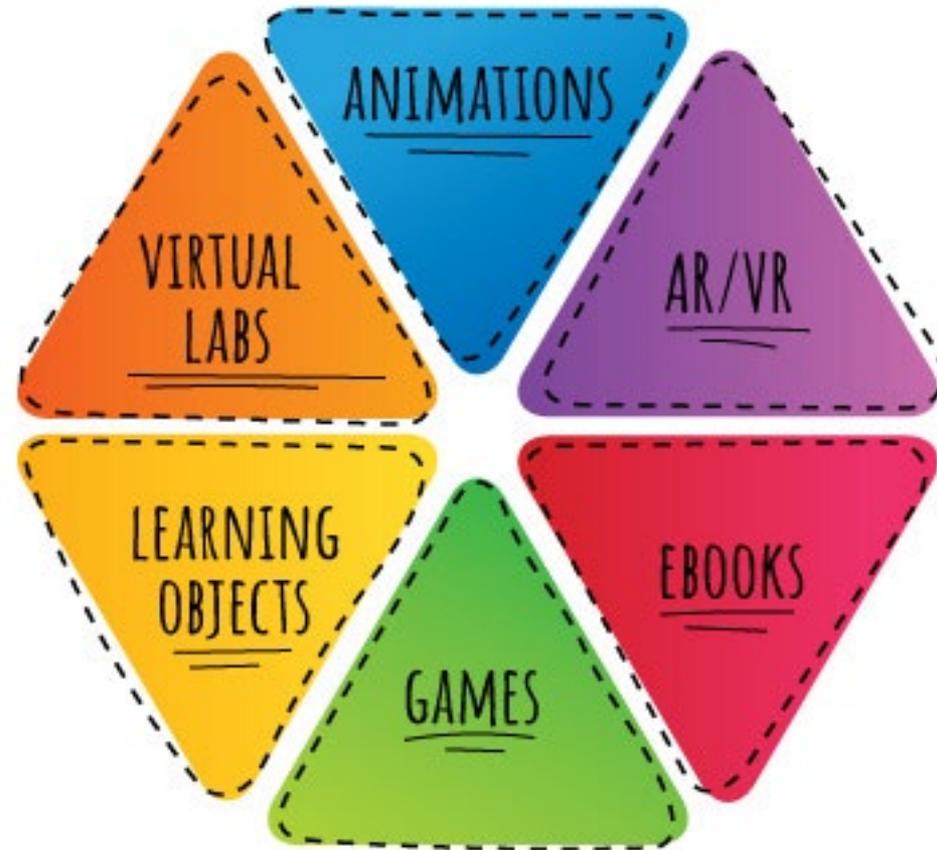


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Intuitive Learning Design

Our team delivers engaging digital learning for new or existing products with a focus on optimization, responsive design, and usability.



Cholera Outbreak

Cholera Outbreak

Cholera is a water-borne disease caused by the bacterium *Vibrio cholerae*. The illness causes severe diarrhea and victims die of dehydration.

The incubation period can be as short as 12 hours or as long as 5 days. Once the diarrhea starts, however, it can kill in hours.

The best treatment option is to make sure the ill person stays hydrated. Infected people, even those that have no symptoms, will release the bacteria in their feces for 1–10 days.



1 of 8

Biology learning activity to help students understand community spread of a disease.

View Interactive Demo

Cholera Outbreak

Choose whom you would like to interview from the hotel.



Return to Map

Mrs. N
Hotel Maid/Cook
Works in hotel and hotel restaurant, but lives in town.

Mrs. C
Hotel Proprietor
Lives and works at hotel.

Mr. G
Hotel Guest
Lives at hotel; purchases gold from prospectors.

3 of 8

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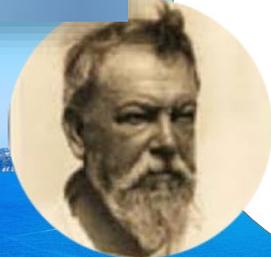
Explorar la Cultura!



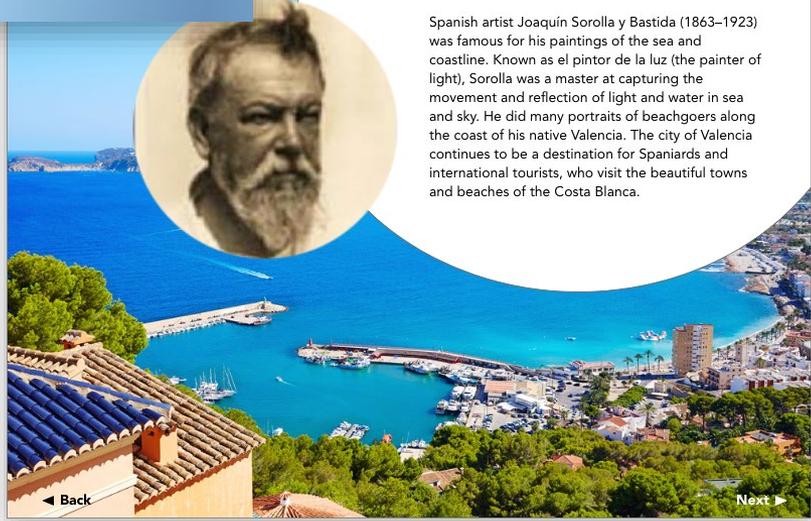
Interactive demo prototype exploring world languages and culture, allowing students a deeper understanding of life in other countries. This section covers the art and culture in Spain.

[View Interactive Demo](#)

CULTURA

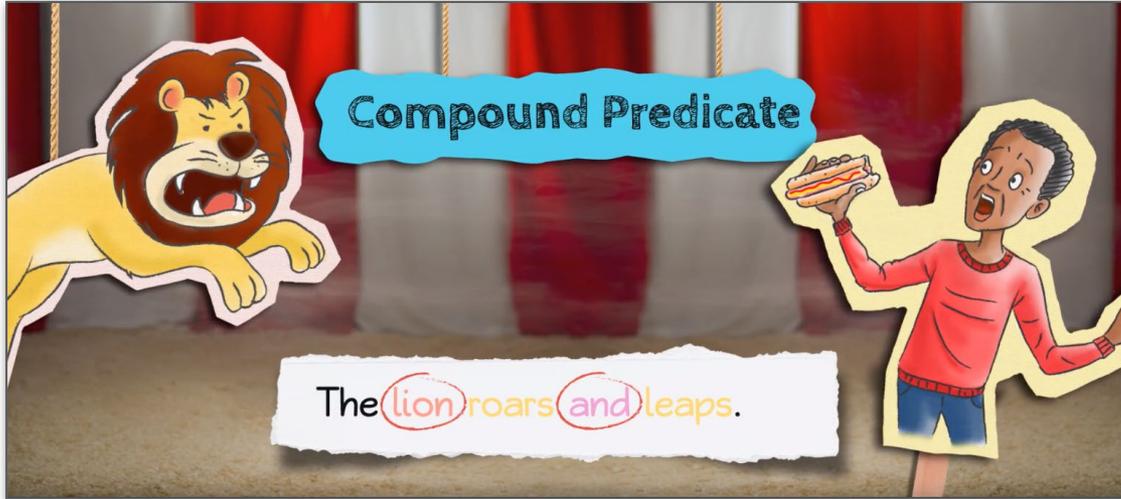


Spanish artist Joaquín Sorolla y Bastida (1863–1923) was famous for his paintings of the sea and coastline. Known as el pintor de la luz (the painter of light), Sorolla was a master at capturing the movement and reflection of light and water in sea and sky. He did many portraits of beachgoers along the coast of his native Valencia. The city of Valencia continues to be a destination for Spaniards and international tourists, who visit the beautiful towns and beaches of the Costa Blanca.



PRODUCT
Spanish Program
Digital Learning
Demo

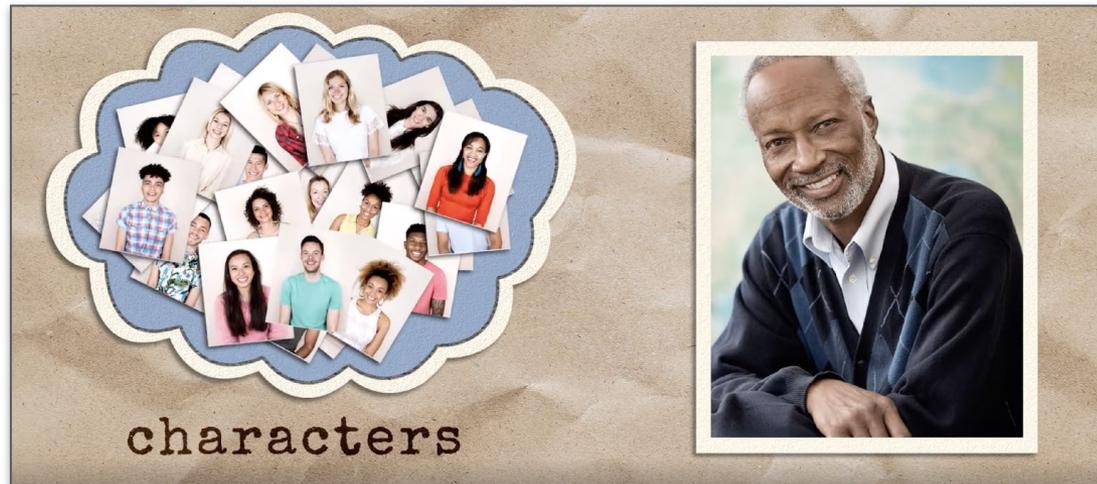
SERVICES
Digital Design
Photo Research
Wireframe



[View Animation](#)

PRODUCT
Language Arts
Animation

SERVICES
Digital Design
Story Board
Illustration
Animation
Development
Review
Quality Assurance



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PRODUCT
Language Arts
Animation

SERVICES
Digital Design
Story Board
2D Animation
Development
Review
Quality Assurance



Play Game



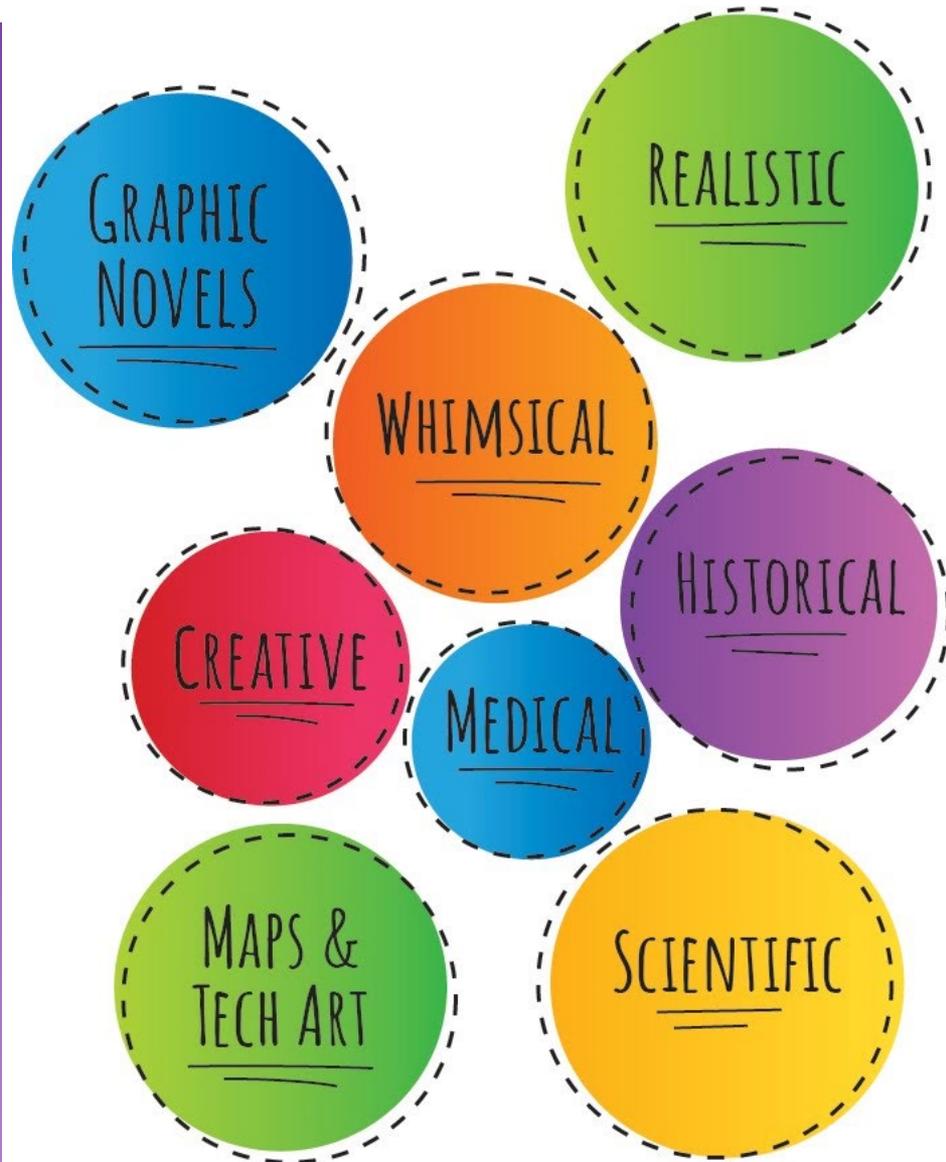
PRODUCT
Math Interactive
Game

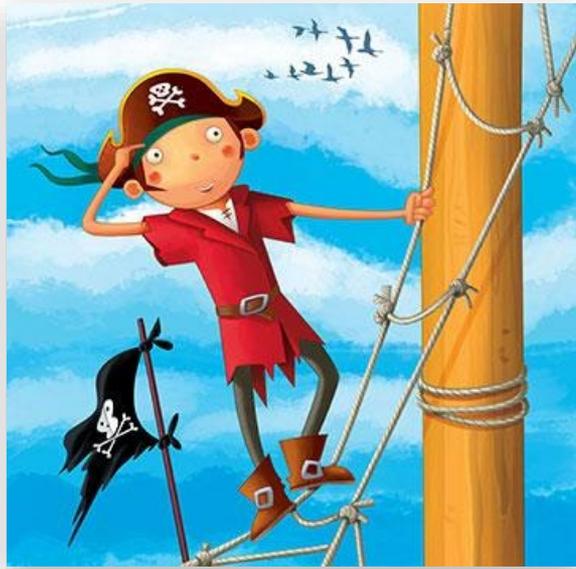
SERVICES
Design
Illustration
Digital Development
Review
Quality Assurance

A Tailored Approach to Illustration

Our artists are experts in a variety of styles, with the ability to match existing styles or create new ones to fit the assignment at hand.

From images that tell a story to art that clarifies complex scientific concepts, our illustrators' talent and publishing experience are ready to meet your art-creation needs.





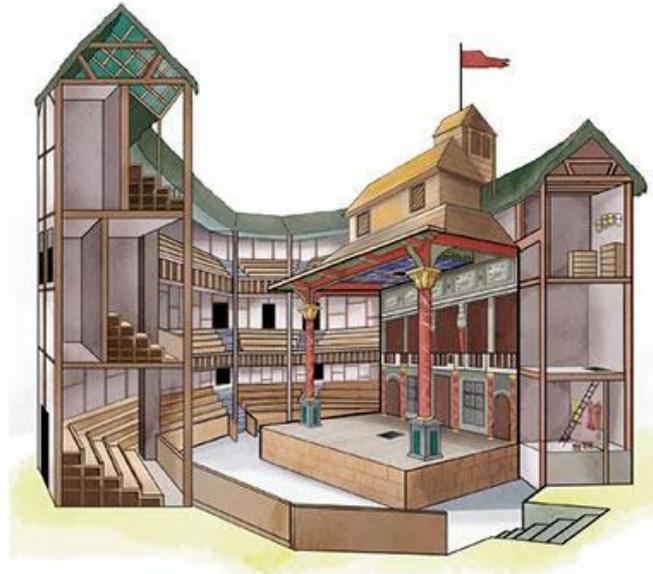
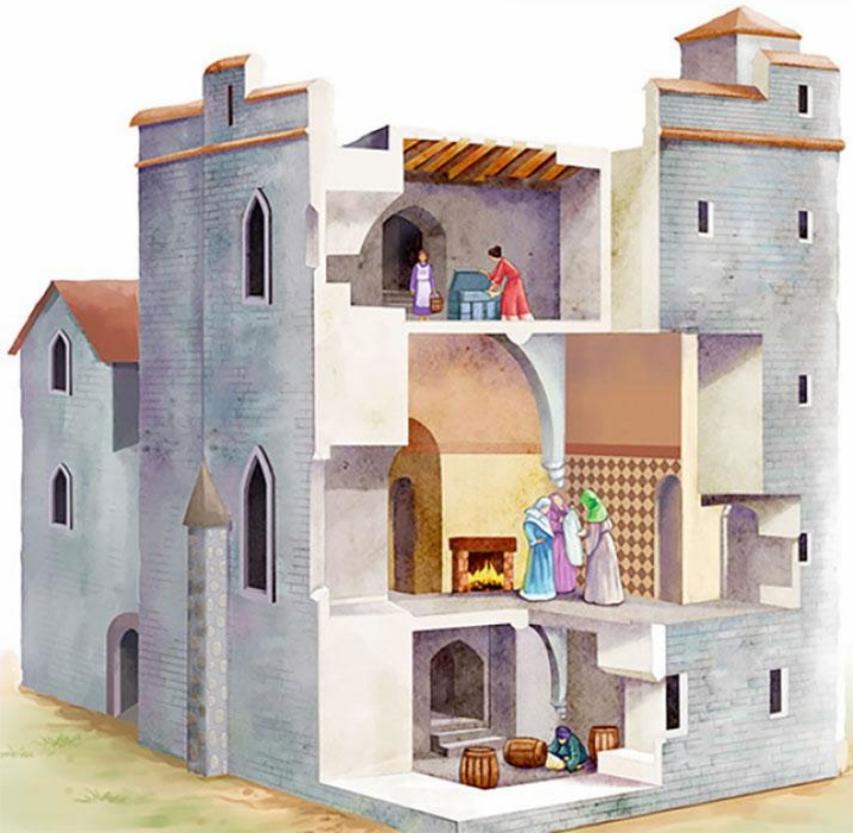
STYLE
Whimsical

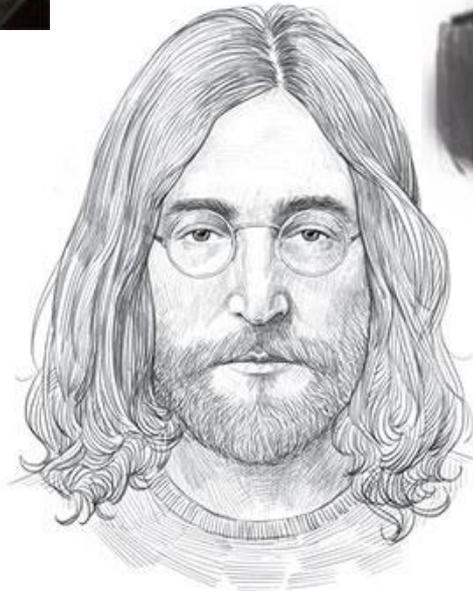


STYLE
Storybook



STYLE
Historical





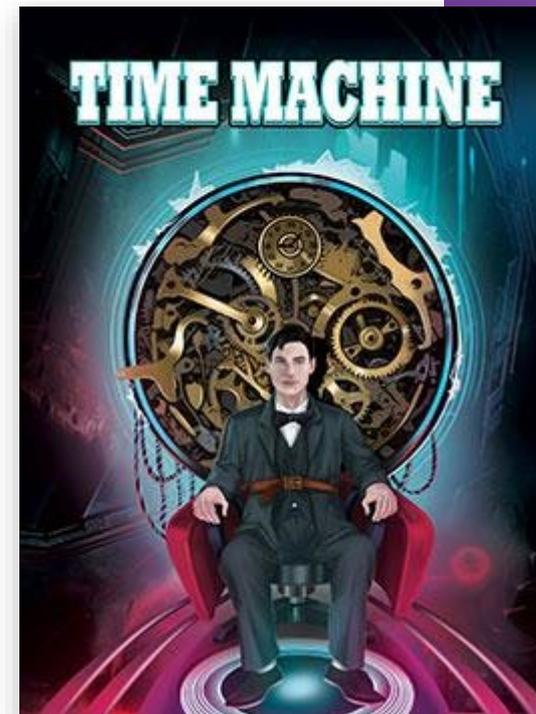
STYLE

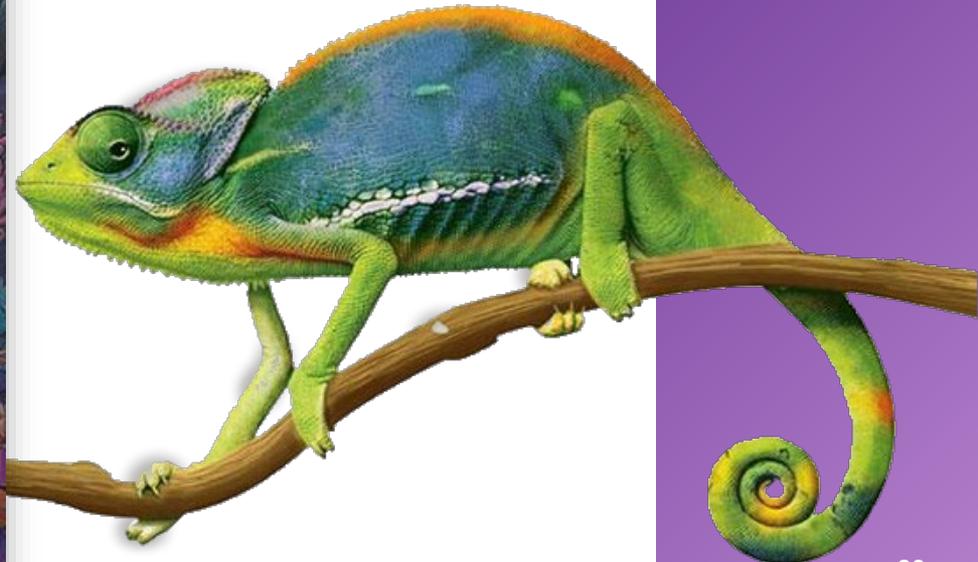
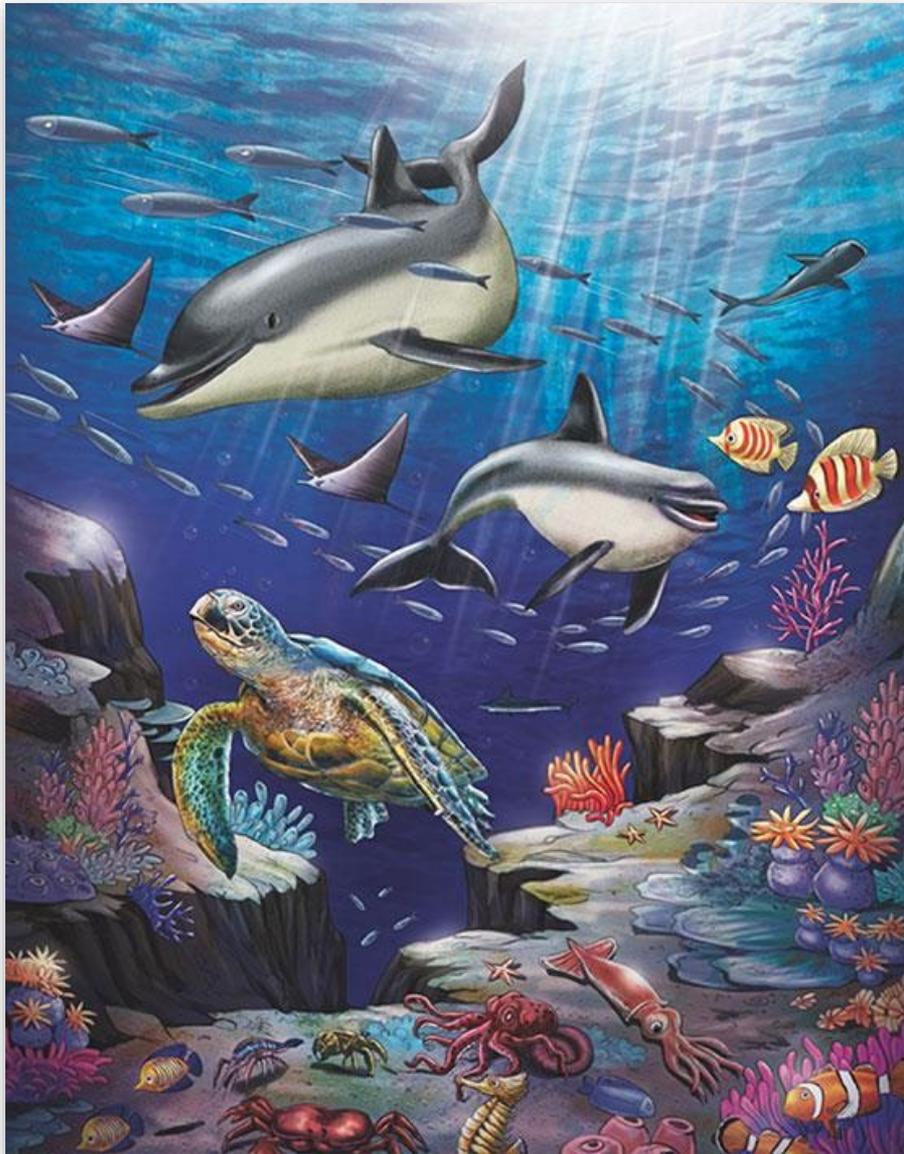
Realistic



STYLE

Graphic Novel



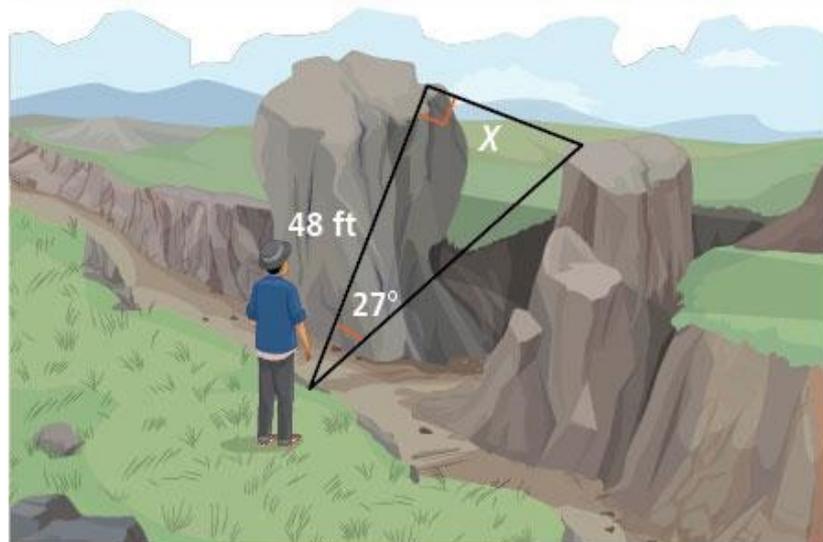
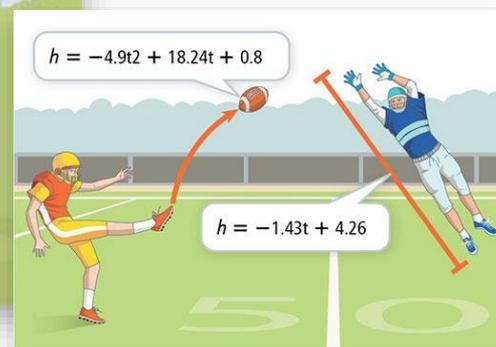
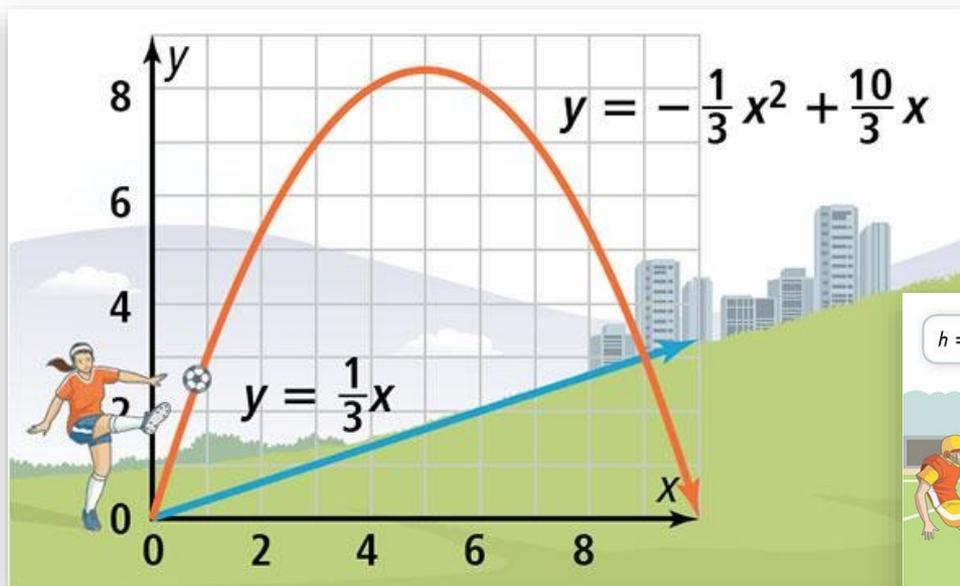


STYLE
Scientific
Wildlife

STYLE

Infographic

Technical Art



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DESIGN | Print • Digital • Illustration

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