

ACTIVITY 1: ODD ONE OUT (SET A)

LESSON 2

Why Explore?

1-1 (front of card)



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A search and rescue dog

LESSON 2

Why Explore?

1-2 (front of card)



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A doctor

LESSON 2

Why Explore?

1-3 (front of card)



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A diver


LESSON 2
Why Explore?
1-1 (back of card)

A search and rescue dog

- Dogs are trained from 8 weeks old.
 - Obedience is a key part of their training.
 - Rescue dogs detect human scent and help to find missing people.
 - They have a great sense of smell and can track a scent for miles.
 - They help firefighters search dangerous sites and explore mountains and areas of natural disasters.
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LESSON 2
Why Explore?
1-2 (back of card)

A doctor

- You become a doctor at 29.
 - Doctors gather evidence and data.
 - Doctors explore the human body and mind.
 - Doctors explore new medicines and treatments to help people.
 - Doctors work very long hours searching for the answers to medical problems and dilemmas.
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LESSON 2
Why Explore?
1-3 (back of card)

A diver

- You can have diving lessons from 10 years of age.
 - Divers solve the mysteries of the ocean.
 - The ocean can be hostile to humans, so divers are brave.
 - Divers explore underwater creatures, caves, and shipwrecks.
 - Some divers rescue people from the ocean.
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LESSON 2
Why Explore?
1-4 (front of card)

An astronaut



Leah-Anne Thompson/Shutterstock.com

LESSON 2
Why Explore?
1-5 (front of card)

A scientist



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LESSON 2
Why Explore?
1-6 (front of card)

Alice in Wonderland

An astronaut

- The term *astronaut* is derived from the Greek word meaning “space sailor.”
- Most astronauts study things like engineering, mathematics, science, or computer technology.
- Astronauts have to undertake extensive training and testing before they can take part in a spaceflight.
- Some astronauts work with pilots to conduct experiments, launch satellites, and look after spacecraft and equipment.
- Astronauts risk their lives in order to explore space.

A scientist

- Scientists solve problems and make observations about the world.
- Scientists use equipment and tools to measure and study the world.
- Scientists persevere until they find answers. They never give up.
- They help us understand how things work and why things happen.
- They find solutions and cures by exploring materials and the natural world.

Alice in Wonderland

- Alice has an amazing dream about changing size and meeting lots of different creatures.
- Alice is an intelligent, curious, and trusting character who is ready to accept the impossible.
- Alice followed the white rabbit down the rabbit hole without thinking about how she was going to get out again.
- Alice becomes a guest at a “mad” tea party along with the March Hare, the Hatter, and a very tired Dormouse.
- The character of Alice is based on a real girl, called Alice Liddell, who was one of the author’s childhood friends.

LESSON 2
Why Explore?
1-7 (front of card)

Thinking



LESSON 2
Why Explore?
1-8 (front of card)

Dreaming



LESSON 2
Why Explore?
1-9 (front of card)

Remembering



LESSON 2

Why Explore?

1-7 (back of card)



LESSON 2

Why Explore?

1-8 (back of card)



LESSON 2

Why Explore?

1-9 (back of card)



ACTIVITY 1: ODD ONE OUT (SET B)

LESSON 2

Why Explore?

1-10 (front of card)

Neil Armstrong



LESSON 2

Why Explore?

1-11 (front of card)

Louis Pasteur



LESSON 2

Why Explore?

1-12 (front of card)

Christopher Columbus



LESSON 2
Why Explore?
1-10 (back of card)

Neil Armstrong

- He was a Boy Scout.
- He was a U.S. astronaut and engineer.
- He was the first person to walk on the moon.
- He received the Presidential Medal of Freedom.
- He made the impossible possible.

LESSON 2
Why Explore?
1-11 (back of card)

Louis Pasteur

- He is one of the most important scientists in history.
- He earned degrees in mathematics, physics, and chemistry.
- He proved that germs were the cause of illness.
- In 1862, he invented the pasteurization process.
- He discovered methods of protecting people against two deadly diseases: anthrax and rabies.

LESSON 2
Why Explore?
1-12 (back of card)

Christopher Columbus

- He was an Italian navigator and explorer.
- He completed four voyages across the Atlantic.
- He was the first European to discover America in 1492.
- He listened to the stories of sailors.
- He brought horses to America.

LESSON 2
Why Explore?
1-13 (front of card)

An adventure scout



LESSON 2
Why Explore?
1-14 (front of card)

Amelia Earhart



LESSON 2
Why Explore?
1-15 (front of card)

Steve Jobs



LESSON 2
Why Explore?
1-13 (back of card)

An adventure scout

- They work in a team to learn new skills and face new challenges.
- They show courage in the face of difficulties.
- They study survival and put this into practice in the wilderness.
- They earn badges for participating in new adventures.

LESSON 2
Why Explore?
1-14 (back of card)

Amelia Earhart

- She was the first woman to fly solo across the Atlantic.
- In 1917, she trained as a nurse and began volunteer work to help injured soldiers.
- Between 1922 and 1937, she set seven women's speed and distance aviation records.
- She was a supporter of equal rights for women and saw her role to inspire women to achieve the same things as men.
- She disappeared in 1937 during an attempt to fly around the world.

LESSON 2
Why Explore?
1-15 (back of card)

Steve Jobs

- He was the cofounder of Apple and Pixar.
- He loved to explore how electronics worked.
- He dropped out of college and traveled to India to discover who he was and what he wanted to do with his life.
- At age 21 he designed his first computer in his parent's garage.
- He loved to explore new ideas and introduced the iPod and iPhone to the world.

LESSON 2
Why Explore?
1-16 (front of card)

J. K. Rowling



LESSON 2
Why Explore?
1-17 (front of card)

Pablo Picasso



LESSON 2
Why Explore?
1-18 (front of card)

Valentina Tereshkova



LESSON 2
Why Explore?
1-16 (back of card)

J. K. Rowling

- Joanne, or J. K., Rowling is the author of the *Harry Potter* series books.
- She explores her vivid imagination to create characters for her books.
- She imagines and creates new worlds.
- She explores the use of words and presents them on paper.
- She enables people to escape the realities of their daily lives.

LESSON 2
Why Explore?
1-17 (back of card)

Pablo Picasso

- Picasso became one of the greatest and most influential artists of the 20th century.
- When Pablo was age seven, his father (who was also a painter) gave him artistic training in figure drawing and oil painting.
- Picasso was a painter, sculptor, printmaker, and poet.
- He produced around 50,000 artworks in his lifetime.
- He cofounded the cubist movement and coinvented several new styles of art, including constructed sculpture, collage, and the plastic arts.

LESSON 2
Why Explore?
1-18 (back of card)

Valentina Tereshkova

- Valentina is a retired Russian engineer and cosmonaut.
- She was the first woman to have flown in space.
- She was selected from over 400 applicants.
- She was the pilot of Vostok 6 and made forty-eight orbits of Earth during her three-day mission.

LESSON 2
Why Explore?
1-19 (front of card)

Debating



LESSON 2
Why Explore?
1-20 (front of card)

Arguing



LESSON 2
Why Explore?
1-21 (front of card)

Questioning



LESSON 2
Why Explore?
1-19 (back of card)



LESSON 2
Why Explore?
1-20 (back of card)



LESSON 2
Why Explore?
1-21 (back of card)




ACTIVITY 2: OPINION CORNERS (SET A)

<p>LESSON 2 Why Explore? 2-1</p> <p>There are always risks for people who explore.</p>	<p>LESSON 2 Why Explore? 2-2</p> <p>Explorers have to move or travel.</p>	<p>LESSON 2 Why Explore? 2-3</p> <p>We can only explore places.</p>
<p>LESSON 2 Why Explore? 2-4</p> <p>Only adults can explore.</p>	<p>LESSON 2 Why Explore? 2-5</p> <p>We can only explore big things.</p>	<p>LESSON 2 Why Explore? 2-6</p> <p>We can explore cyberspace.</p>
<p>LESSON 2 Why Explore? 2-7</p> <p>All explorers are brave.</p>	<p>LESSON 2 Why Explore? 2-8</p> <p>Some explorers are brave.</p>	<p>LESSON 2 Why Explore? 2-9</p> <p>No one explores unless there is some reward.</p>

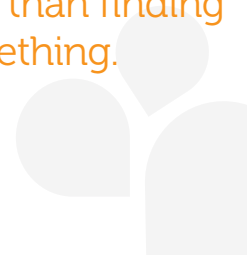
LESSON 2
Why Explore?
2-10

Rewards are always
things that are
valuable.



LESSON 2
Why Explore?
2-11

Discovering something
is different than finding
something.




LESSON 2
Why Explore?
2-12

We can only find
out new things if we
explore.



LESSON 2
Why Explore?
2-13

We wouldn't have lots
of different foods if
people hadn't explored.



LESSON 2
Why Explore?
2-14

Explorers are curious.




LESSON 2
Why Explore?
2-15

Explorers are
determined.



LESSON 2
Why Explore?
2-16

We can't be real
explorers.



ACTIVITY 2: OPINION CORNERS (SET B)

<p>LESSON 2 Why Explore? 2-17</p> <p>Exploration never does any harm.</p>	<p>LESSON 2 Why Explore? 2-18</p> <p>Some explorers probably did what they did because they just wanted to be famous.</p>	<p>LESSON 2 Why Explore? 2-19</p> <p>All explorers are competitive.</p>
<p>LESSON 2 Why Explore? 2-20</p> <p>Fame and status for the explorer or the explorer's country is a form of reward.</p>	<p>LESSON 2 Why Explore? 2-21</p> <p>Exploration was more exciting in the past.</p>	<p>LESSON 2 Why Explore? 2-22</p> <p>There is nothing left to explore on our planet.</p>
<p>LESSON 2 Why Explore? 2-23</p> <p>Exploring things that are dangerous is unnecessary.</p>	<p>LESSON 2 Why Explore? 2-24</p> <p>Exploring things that are dangerous should only be done by people who understand the risks.</p>	<p>LESSON 2 Why Explore? 2-25</p> <p>Exploration is part of human nature.</p>

LESSON 2
Why Explore?
2-26

Exploration can lead
to trouble.



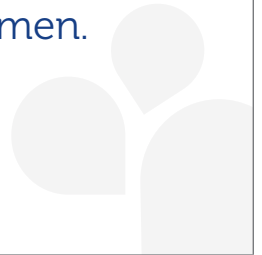
LESSON 2
Why Explore?
2-27

Famous explorers are
all men.



LESSON 2
Why Explore?
2-28

Explorers have to
be men.



ACTIVITY 3: CONCEPT LINES

<p>LESSON 2 Why Explore? 3-1</p> <p>A scientist using a microscope to see how drug resistant bacteria behave</p>	<p>LESSON 2 Why Explore? 3-2</p> <p>An astronaut mending the International Space Station</p>	<p>LESSON 2 Why Explore? 3-3</p> <p>The first person in space</p>
<p>LESSON 2 Why Explore? 3-4</p> <p>Christopher Columbus</p>	<p>LESSON 2 Why Explore? 3-5</p> <p>A baby in a cot reaching up to touch a mobile</p>	<p>LESSON 2 Why Explore? 3-6</p> <p>Someone looking for their lost car keys</p>
<p>LESSON 2 Why Explore? 3-7</p> <p>Wondering what's on the other side of an enormous ocean</p>	<p>LESSON 2 Why Explore? 3-8</p> <p>Wanting adventure</p>	<p>LESSON 2 Why Explore? 3-9</p> <p>Wanting to be famous</p>

LESSON 2
Why Explore?
3-10

Wanting to stay
absolutely safe

LESSON 2
Why Explore?
3-11

Not wanting a
challenge

LESSON 2
Why Explore?
3-12

Wanting to expand
human understanding
and knowledge

LESSON 2
Why Explore?
3-13

We find out about
new places.

LESSON 2
Why Explore?
3-14

We change places
when we explore
them.

LESSON 2
Why Explore?
3-15

We can understand
things when we
explore them.

LESSON 2
Why Explore?
3-16

We push the frontiers
of human knowledge
and understanding
when we explore.

LESSON 2
Why Explore?
3-17

We find out about
things that do us
harm when we
explore.

LESSON 2
Why Explore?
3-18

Sometimes exploring
can mean taking
a risk.