

## ACTIVITY 1: ODD ONE OUT (SET A)

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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)



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# An astronaut

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



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# A scientist

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



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# Alice in Wonderland

LESSON 2  
Why Explore?  
1-4 (back of card)

## 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.

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

## 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.

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

## 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)

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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 took 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 co-founder of Apple and Pixar.
- He loved to explore how electronics worked.
- He dropped out of college and travelled 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 co-founded the cubist movement and co-invented 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 fly 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)

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<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>

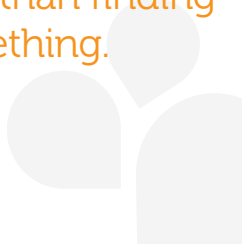
LESSON 2  
Why Explore?  
2-10

Rewards are always  
things that are  
valuable.



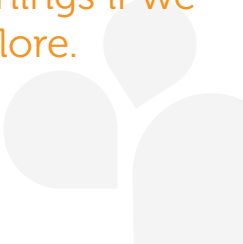
LESSON 2  
Why Explore?  
2-11

Discovering something  
is different than finding  
something.



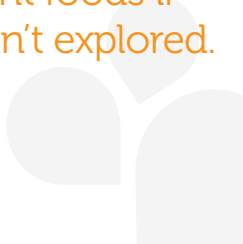
LESSON 2  
Why Explore?  
2-12

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)

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<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.



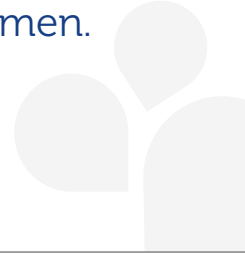
LESSON 2  
Why Explore?  
2-27

Famous explorers are  
all men.



LESSON 2  
Why Explore?  
2-28

Explorers have to  
be men.



## ACTIVITY 3: CONCEPT LINES

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<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.