## think 4skills

#### Welcome to a truly innovative program for English language learners!

Think 4 Skills is Think Education's new 3-level skills course designed especially for today's enquiring young adult learner profile. Each skill strand demands equal attention as the many sides of each unit's topic are uncovered. Every page boasts opportunities for vocabulary acquisition, topic exploration, low and high-order thinking skills, and meaningful discussion. When learners open a unit, they open a world.

Invite language learners to Think 4 Skills today:

A focus on authentic content – novel topics are taken directly from the students' real world generate interest and create unexpectedly new perspectives.

A rich multi-genre approach – students encounter and explore a wide variety of text types to build both writing and reading skills.

**4 Skills** ... **every time** – each unit provides dedicated practice within unique topic contexts for meaningful skills development.

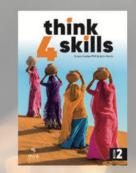
**Critical thinking and life connections** – real examples and true facts invite questioning so students connect their knowledge and experiences to their world.

**Project integration –** students consolidate knowledge and develop creativity, alongside communicative and collaborative skills by creating and presenting original projects.

**Video** – students contextualize and extend understanding of unit content.

**Digital – offline & online –** iTOOL for teachers, eBOOK for students. **Extra components:** 

- Teacher Guide (with Answer Key)
- Unit Quizzes
- Vocabulary worksheets
- Transcripts (video & audio)













STUDENT'S BOOK

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Understand that animals can do cool things  Reading Writing Listening Genre Scientific Article Skill Expressing abilities Lexpressing abilities Expressing abilities Pet school National animals Animals breaking world records Education Culture Etiquette Prepare an original artwork about a special pet Project Vocabulary  Project Prepare an original artwork about a special pet Project Prepare an original artwork about a special pet Project Prepare an original artwork about a special pet Project Prepare an original artwork about a special pet Project Project Project Project Project Project Vocabulary  Artic waters, breed, breeding, enormous, explode, explore, extinct, gigantic, hospitality, map, massive, migrate, salior, Ship strike, siteable, supernova, tusk Project Project Project Project Project  Writing Project  Make an illustrated list of 5 things smaller and 5 things sma	See of year			100		18
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Unit 5	p.60-73	Learning	Objective	Vocab	oulary
Let's Racel		Understand that pe obstacles with ambition achieve gr	and self-confidence to	achievement, aim, biograpi finish line, give away, gi inference, keep going, left b opponent, reach,	ve off, give out, give up, ehind, main idea, obstacle,
	Reading	Writing	Listening	Speaking	Project
Genre	Folk Tale	Biography	Sports Broadcast	Athletic Commentary	
Skill	Identifying main idea	Identifying main idea	Inferencing	Inferencing	D. II.I
Topic	The Tortoise and the Hare	Disabled racers	Physics: calculating time using distance and speed	Athletics	Build a race car with recycled materials and compete with it
Content Area	Literature	Sports	Maths	Sports	
Workbook P. 134 - 137					
Unit 6	p.74-87	Learning	Obiective	Vocab	ularv
Good Luck!		Understand that people and bad for		assume, avoid, blame, destr fire, hire, homeless, letter, optimistic, phobia, refuse, tetraphobia, tris worst-case	life lesson, luck, number, prediction, prevent, kaidekaphobia, unlucky,
	Reading	Writing	Listening	Speaking	Project
Genre	TV News Broadcast	Letters	Life Lesson from Murphy	Lesson from a Math Professor	Perform an act of
Skill	Fact and opinion	Giving examples	Predicting	Predicting	social responsibility to
Topic	Superstitions	Ways to increase luck	Murphy's Law	Calculating possibility	increase good fortune in life
Content Area	Psychology	Psychology	Philosophy	Maths	
Workbook P. 138 - 141					
Unit 7	p.88-101	Learning	Objective	Vocab	ulary
Masquerado		Understand that mask purp		anxiety, beak, bully, calm deep, defence, depression, humour, identity, mecha social rejection, socialiser, s unconscious, l	exhaustion, graphic novel, nism, nonfiction, quality, summarise, topic sentence,
	Reading	Writing	Listening	Speaking	Project
Genre	Informative Website	Book Excerpt (nonfiction)	Radio Advertisement	Graphic Novel	
Skill	Writing topic sentences	Writing topic sentences	Summarising	Summarising	Design and create an
Topic	Masking natural personality	Wearing masks during an epidemic	Masks: historical Venetian	Masks: superheroes and villains	original mask
Content Area	Psychology	Health	Culture	Media	
Workbook P. 142 - 145					
Unit 8	p.102-115	Learning	Objective	Vocab	ulary
The Mysteri	ous Moon	Understand that the Ea in harmony, and that th anot	ney have effects on one	affect, axis, cause, crate inspired, orbit, orbital po scared, ter	eriod, peaceful, satellite,
	Reading	Writing	Listening	Speaking	Project
Genre	Encyclopedia	Magazine	Presentation	Figures	
Skill	Reading charts	Reading a moon phase calendar	Cause and effect	Talking about the location of space objects	Build and present a model showing the solar system or a planet
Topic	The Earth's moon	Phases of the Moon	Tidal forces	Solar and lunar eclipses	and its moons
Content Area	Astronomy	Astronomy	Astronomy	Astronomy	
Workbook P. 146 - 149					
Glossary P. 150 - 160					

# UNIT 1

## Talented Animals



#### **Head Start**

Name three special tricks or actions pets can do.

Why do animals learn new tasks and unique behaviours?

How do you think an animal's natural behaviours are different from the behaviours it learns from humans?

#### In this unit you will...

- LEARN that animals can learn to do many cool and surprising things.
- READ an article about animals' abilities and how they learn new behaviours.
- WRITE sentences to describe animal abilities.



- LISTEN to greetings and farewells, and for important details.
- SPEAK to introduce myself and others, and to express gratitude.
- PREPARE and present an original artwork about a special pet.



#### Before you read

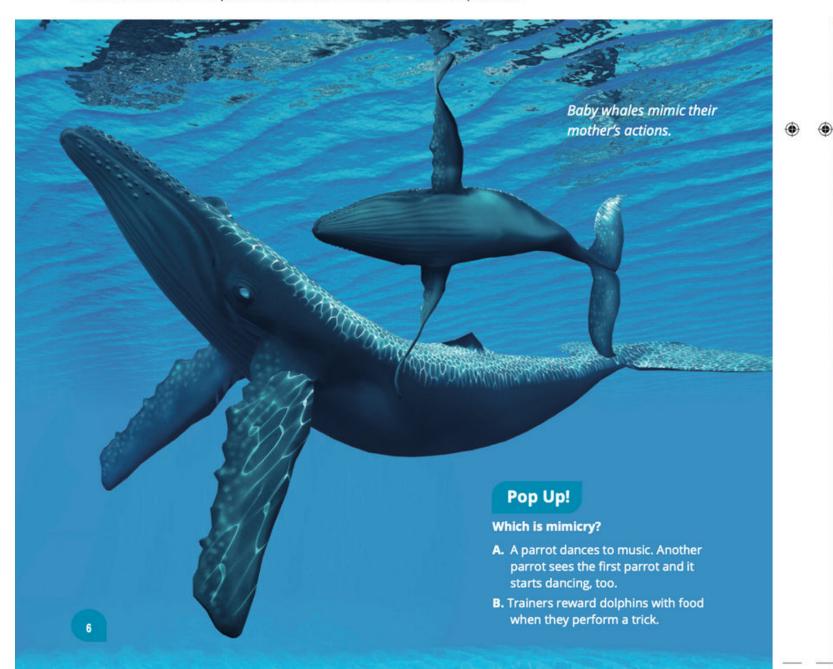
How can you communicate with animals?

## Animals Learn

Can whales dance?

Can dogs communicate with humans without words?
Yes, they can! Animals can do really cool things.

Animals learn by watching other animals and humans. For example, a baby whale closely follows its mother. It watches and **mimics** the mother's actions and behaviours. When the mother whale swims, it swims. When its mother jumps from the sea's surface, it does the same. The baby whale dances and plays when its mother dances and plays with it. Like human children, a young whale watches and learns important behaviours and skills from its parents.



Animals also learn from the **results** of their actions. Animals are like us. They want to get **rewards** for good behaviour. For example, a trainer can teach a dog to ask for water. How? Put a special button in the house. When you give the dog some water, always push the 'water' button. This button has got a special symbol and noise. The dog begins to make an important connection in its mind: push the button and water comes. Time passes and the dog learns to push the button when it feels thirsty. The dog wants some water so it pushes the button. The water arrives and it drinks. Water is the reward for pushing the button.

Teaching animals new tricks is cool but **reinforcement** is an important part of training. Reinforcement makes animals' learning stronger. Animals can forget new things just like people do! Reinforcement helps animals remember new behaviours. A dog pushes the water button to say it's thirsty. Great! But don't forget to give it water! A reward for doing a trick is an animal's motivation. Without motivation, an animal forgets a new trick quickly.

What about us? Are we different from our animal friends? We push different buttons on a controller to make a dinosaur robot move. We learn that different buttons make the toy do different actions. We play because it's challenging and fun. But what happens when a button doesn't work? We can try and try but finally we stop playing with the toy. When there is no more reinforcement, our motivation goes away.



How does reinforcement work? A boy learns to push buttons to make the toy move. He plays because having fun motivates him.



Some dogs can learn up to 30 different words and communicate with humans.



The dog pushes the 'water' button to get water. When the dog performs the correct behaviour, it gets a reward.

#### Pop Up!

#### Which is a reward?

- A. A tiger jumps over a stack of boxes. Afterwards, its trainer gives it kind words and some food.
- B. A girl shares her chocolates with others but nobody says, "Thank you." Soon she stops sharing.

#### **Vocabulary**

Fill in the blanks with words from the box below.

reinforcement	reward	result	mimic	communicate

Animals learn in different ways. They can watch other animals and 1) \_\_\_ actions. The 2) \_\_\_\_\_\_ of an animal's new behaviour is also important. Animals learn quickly when they get a 3) \_\_\_\_\_ like food or praise. For example, throw a ball and a dog can easily learn to bring it back. Give it a special treat and your dog will chase more balls! Use special commands like 'Sit!' or 'Stay!' to 4) \_\_\_\_\_\_ with your pet. But don't forget! Animals can forget these new tricks or special behaviours without 5) \_\_\_\_\_. So, motivate your pet with a delicious treat, lots of praise and love every time they perform for you!

Which pictures show that an animal can communicate? Put a tick in the box.







#### Go deeper in words:

-ment is a suffix. When it is at the end of a verb, it forms a noun. Read the list of words below. Decide if the word is a verb or noun.

#### reinforce (verb):

to make something stronger e.g. They reinforce the building with metal.

#### reinforcement (noun):

something that makes something else stronger e.g. The walls aren't strong so they need reinforcement.

#### 1. enjoyment

2. enjoy 3. attach 4. attachment

verb noun verb noun

5. agreement

6. agree

verb noun

verb noun

verb noun

verb noun





#### Answer the questions according to the text.

1. How many words can a dog usually learn and understand?

2. How is learning similar for animals and people?

3. Imagine a parrot learns to sing a song. What happens when it receives no reinforcement after it learns this new trick?

**4.** Do you think it's helpful to teach animals to communicate?

#### Think about it!

Assistance dogs are specially trained. They can help the disabled. They can open doors, bring objects or pull a wheelchair.



#### Is it an ability a whale can learn? Read the text again and put a tick (Yes) or a cross (No) in the box.

0			,	
1.	swim	5.	open a door	
2.	give a reward	6.	peel a banana	0
3.	bring a newspaper	7.	jump out of water	

8. communicate

It is a power or skill needed to do something. For example, monkeys can peel and eat bananas and horses can carry a rider long distances. These animals have the power and skill to do

#### Decribe two abilities and two inabilities of whales. Make sentences using information from the exercise above.

e.g. Whales can swim.

4. mimic their mothers

#### Pop Up!

What can an assistance dog do to help a disabled person?

Ask your partner questions about the picture below.

**ASK QUESTIONS:** 

1. What is this dog doing?

2. In what ways can dogs learn to help people?

Make a list.



What are some other cool things animals can learn?













What is an application form?

You use an application form when you want to apply for something like a job, a program, a school or a special group.

### APPLICATION FORM

Owner's name: Kate Leslie
Pet type: parrot
Pet's name: Chatty
Course: singing
Reason for application:
My parrot is a social media
star! My pet can talk and
dances to music. I want my
parrot to get a role in a pirate
movie or commercial. There is
just one problem: my parrot
isn't able to sing.



#### Think about it!

Animal actors in films or TV can make between \$5,000 to \$10,000 a year!

#### Pop Up!

- **1.** Think of pet actors you saw in films or TV programs. What type of animal were they? What film or program was it?
- 2. What special abilities do they have?
- 3. What do you think it would be like to have a pet that acts in film or TV programs?

#### TIPS & STRATEGIES

**To (not) be able to** is a way to express abilities. You can use this expression in the place of can (can't).

can	able to
My dog <b>can</b> swim.	My dog <b>is able to</b> swim.
My monkey can't climb a tree.	My monkey <b>isn't able to</b> climb a tree.

Look at the pictures on the brochure. Make sentences using (not) able to.

- 1. The parrot is able to \_\_\_\_\_
- \_

**(b)** 

- The people below want to apply for a class at Pet School for their animals.
  - What is the best match? Draw a line from each person to the picture of their talented pet. Read the brochure again and write the name of the correct class in the blank.

Hi! Billy speaking. I heard animal actors can make a lot of money. I've got a pet fish named Bubbles. What cool tricks can you teach it? Hello! My name is Logan. I have a mouse called Cinna. I think she's got a musical talent. Can you teach Cinna to play an instrument?

Hi! I'm Alexis. I love dancing, especially ballet. Can you teach my cat, Milo, some ballet moves? I would like us to perform together! It would be great!

Hi! I'm Jennifer. My dog, Ozzy, is disabled and he isn't able to walk. How can I teach him to move without using his legs?

















class

class

class

class

#### Listening



#### TIPS & STRATEGIES

#### Meeting someone for the first time.

When we meet someone new, we want them to have a good feeling about us. It is good to know how to tell others about yourself in a positive way. You can greet them with special expressions like Hi!, Hello! or Let me introduce myself. Give your name and other information you would like to share. You can finish your conversation with a common farewell like Take care! Let's keep in touch. or See you soon!

#### Before you listen:

Why are some animals able to do things that others cannot?

Let me introduce myself.	Nice to meet you.	See you soon.	Take care.	Let's keep in touch.
You can also say: Can I tell you about myself? I want to tell you a little about myself.	You can also say: I'm happy to know you! I'm glad to meet you.	You can also say: Goodbye! We'll meet later. I hope we meet again.	You can also say: Be well. Be safe.	You can also say: Let's talk again. Let's meet up again.

Listen to the animals introduce themselves. Fill in the blanks with the missing greetings and farewells.



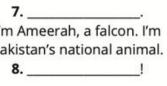
I'm a Golden Frog. My name is Aldring and I'm the national animal of Panama.



My name is Jack. I'm a kangaroo, a native animal of Australia.

My name is Janez. I'm a bee. I'm from Slovenia.

I'm Ameerah, a falcon. I'm Pakistan's national animal.





My name is Saanvi, an Indian dolphin.

Connect the countries to their correct national animals with a line.



- 🧿 A national animal is special because it is an animal that
  - a. has a unique cultural value for a country.
  - b. can only be found in one country in the world.
  - c. can communicate in that country's language.
- Listen again and write important details about each animal.

Animal	Details
Aldring	
Jack	
Janez	
Ameerah	
Saanvi	

#### Introduce yourself to your partner. Prepare notes 1. What is the national animal of below to help you speak with your friend.

our name and age:	
Nationality:	
Special abilities:	
mportant details:	



#### Think about it!

Did you know that the sounds animals make in different languages are not the same? For example, frogs say Ribbit Ribbit in English, Guo Guo in Chinese, Brekeke in Hungarian and Kwaak in German. What do they say in your language?

#### Pop Up!

- your country?
- 2. Do you think animals can have nationalities?

#### Make a list.

What are sounds that other animals make? Make a list.











#### **Speaking**

#### TIPS & STRATEGIES

#### **Expressing gratitude**

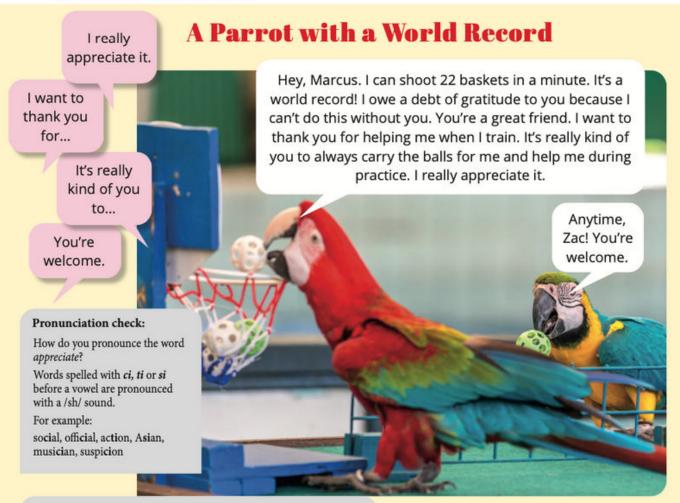
How do you say thank you? Saying thanks to someone is polite but it's also about appreciating things.

When someone does something nice for you, show your appreciation by saying, I really appreciate..., I want to thank you for..., It's really kind of you to...

It's also nice to do something good in return. For example, if someone teaches you a new skill, return the kindness by giving a small gift or a nice note.

When someone expresses gratitude to you, you can say, You're welcome!

Read the conversation between Zac and Marcus. Find and underline these phrases in their speech.



#### Good to know!

To **owe a debt of gratitude** to someone is an idiom. When someone says this, it means this person is extremely thankful or grateful for something.

e.g. I **owe a debt of gratitude** to my teacher. She always helps me with my homework.

Pop Up!	
What nice things does Marcus do for Za	ic?



#### Think about it!

Tippi Hedren and her husband trained a lion cub and kept it in their home as a pet. Hedren said, "It was love at first bite." Later, they adopted six more lions! Finally, their lions performed in the popular film, 'Roar'. Producing a film was a dream for them, and it came true thanks to these special pets.

3	Read Think about it! and write answers to the questions. Then share you	r
	answers with a partner.	

1.	What type of animal did Tippi Hedren and her husband keep as a pet? Would you do the same
2.	What special thing did their pets do?
3.	Imagine you are Tippi Hedren. Why would you feel gratitude for your pets? What would you do or say to express your gratitude to them? Give examples.
4.	How do you think pets show their gratitude to the people who care for them? Give examples.

## Your turn! Think about four nice things people do for you. Write them below.

Who?	What do they do?
e.g. Millie	carries my heavy backpack to the bus for me
1.	
2.	
3.	
4.	

15	Express your gratitude. Write sentences and share them with your partner.
	e.g. I want to thank Millie because sometimes she carries my backpack for me.
	1
	2

WB n 120

#### **Project - Artwork**



Elayna and Nico designed artworks to illustrate their pets. These are not ordinary pets – they are impossible pets to keep at home. They would be cool to own but impossible to take care of! In a perfect world, these are the animals Elayna and Nico would choose as pets.

Read and look at their artworks to learn how they introduce themselves and their pets. Next, answer the questions on the next page and plan your artwork about an impossible but cool pet. What is it? Why is it special? What is it able to do? Introduce yourself and present your pet to classmates.

Hi! Let me introduce myself. My name is Elayna, I'm 13 years old and French. I play the guitar and I can paint with watercolours. I want to thank my mother for teaching me how to paint. I love to be creative. It's fun to make pictures and songs!





I would like to tell you about my impossible but cool pet. It's an elephant named Dorina. She's big and pink and not like ordinary elephants. She's a great artist like me - Dorina is able to paint with her trunk! We hope to see you soon.

Hello! I'm Nico. I'm Greek and 12 years old. I'm a great football player but I'm not able to draw good pictures. For my project, I asked my best friend Tobias to help me. Now I've got a nice picture. I really appreciate it.





Let me introduce George, a yellow and brown giraffe. He's cool but it's impossible to keep a giraffe in my house. George likes to travel and he's able to drive a car. Thank you for listening. Let's keep in touch!

#### Look back - their artworks:

- 1. Where are Elayna and Nico from?
- 2. What are Elayna and Nico able to do, or not able to do?
- 3. Who or what do they appreciate? Why?
- 4. What are their pets?
- **5.** Why are these animals special? What are they able to do?
- **6.** What type of artwork do they present?

#### Look forward - your artwork:

- 1. What information do you want to share when you introduce yourself?
- 2. What do you appreciate?
- 3. Choose an impossible but cool pet. What is its name? What special ability does it have?
- **4.** What type of artwork do you want to create?
- **5.** Go to Workbook p.121 to complete your project planning.

#### Wrap it up.

 What's the main idea of this unit?
 Unscramble the words below to make a sentence.

can learn cool do things to animals

2. Look again at the pet school brochure on p.10. Find three examples of special abilities animals can have. Write a sentence for each.

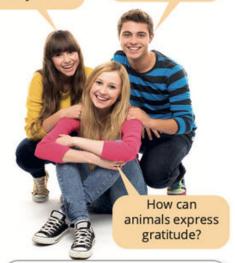
e.g. Animals can dance.

1.				_

3.

Which animals can learn to ride a bicycle?

Do circus animals really like to perform tricks'?



#### Your turn to ask!

What more do you still wonder about talented animals?

#### Mark your own skills from 1 to 5.

#### I can:

read an article about special animal abilities and how they learn.

write sentences to describe abilities.

listen to greetings and farewells, and for important details.

speak to introduce myself and others, and to express gratitude.

# think LSKIIS Grace Haylee & John Barth

**WORKBOOK** 

1

## **1**

## Talented Animals



1 Combine the beginnings and endings to create correct words.

re-	rein-	mim-	commun-	re-
-sult	-forcemen	t -ic	-ward	-icate
 	2			3
			-	

Look and describe the abilities of animals in the pictures below. Complete the boxes in your own words.



Animal: dog
Talent: writing
The dog can write.\_\_\_\_\_



Animal: seal
Talent: balancing a ball



Animal: \_\_\_\_\_
Talent: waterskiing



Animal: \_\_\_\_\_\_

5	THE PER	160	
£ 100	REV	in a	CLEEK!
		ices	000 0
# 4		606066 0 0 0	CD CD 100000
K 1		0	

Animal: \_\_\_\_\_\_



Animal: \_\_\_\_\_\_

3 Fill in Pet School's application form for the pets on p.11.





Owner's name: Alexis
Pet type:
Pet's name:
Class:
Reason for application:



The classes are fantastic! These talented animals are learning new skills and tricks. Use to be able to and describe the animals' new talents in complete sentences.



Now my fish is able to



My mouse \_\_\_\_\_

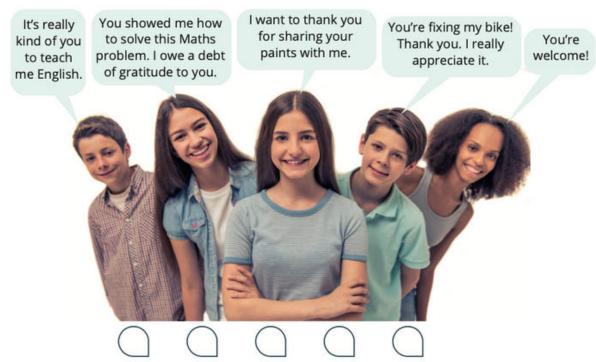
1	Nale V
4	63
Th	- The sale

5	Unscramble the special	expressions below.
	1. care / take	
	2. you / nice / meet / to	19

3. touch / keep / in / let's

4. introduce / me / myself / let5. soon / you / see

Who is not expressing gratitude? Read, choose and put a tick in the box.



Drake volunteers at an animal shelter. He feeds and exercises dogs in his free time. Today he's playing games with Oscar. Imagine the conversation between Drake and Oscar. What do you think they are thankful for? How can they express their gratitude to each other? What do they say?



at do I need? erials for my artwork:	What does my artwork look like? My plan:
ready to present! Write	paragraph to introduce yourself.
What is your name and age? Where are you from?	

What is your name and age? Where are you from?	
What abilities and inabilities have you got?	
What type of artwork is it? What materials did you use?	
Who helped you with your idea? Who helped you make the artwork? How do you express your gratitude?	

Write a paragraph to explain and describe your artwork.

What type of animal is it? What is your pet's name?	
What can your pet do? What special abilities has it got?	

#### **Glossary**

#### Unit 1 - Talented Animals

ability (n) a power or skill needed to do something



application (n) a formal request for a position, place in a group, or job to appreciate (v) to be grateful, to be thankful

**behaviour** (n) how one behaves or acts

to communicate (v) to talk with someone, to express thoughts, feelings or ideas through speaking or writing



debt (n) something that is owed to another, something to be paid gratitude (n) the feeling of being grateful or thankful for something to introduce (v) to present someone or something to others for the first time

to mimic (v) to imitate or copy someone or something's action or speech

motivation (n) something that makes someone behave in a certain way, a reason for doing something

**nationality** (n) belonging to a particular country

reinforcement (n) the act of making something stronger

result (n) a consequence of something happening, an outcome reward (n) something positive given in return for an achievement skill (n) a special ability that comes from learning and practice thirsty (adj) wanting or needing

water

1

**trainer** (n) someone who coaches others, someone who teaches special skills to others training (n) education, instruction, learning how to do special things trick (n) a clever act, a special skill

#### Unit 2 - Big Big World

**Arctic waters** (pl. n.) the ocean and seas in the Arctic region



astronomer (n) a scientific observer of space and stars

to breed (v) to create babies, to reproduce

**breeding** (n) producing babies **continent** (n) one of the seven main landmasses in the world

endangered (adj) to be at risk of extinction, to be very few in number

enormous (adj) greater than a normal, common size



to explode (n) to break up into tiny pieces violently

to explore (n) to search and discover extinct (adj) no longer alive, ended or died out

gigantic (adj) very large hospitality (v) welcoming and entertaining guests or visitors in a friendly way

immense (adj) huge, very great map (n) a visual representation of an

mammal (n) an animal with a skeleton that gives birth to live babies and feeds them with milk

massive (adj) incredibly big to migrate (v) to travel from one region to another at certain times

of the year **monumental** (adj) remarkable for its greatness or size

route (n) a way or road of travel sailor (n) someone who works on ships and travels the oceans and seas

ship strike (n) the killing of a whale or other marine animals by large container ships **sizeable** (adj) of a considerable or large size



supercluster (n) a massive structure of galaxies

supernova (n) a star's explosion, the largest that can take place in space to survive (v) to remain alive, to continue to exist

tremendous (adj) extraordinarily great in size, amount or other ways tusk (n) the long tooth of an animal that sticks out from its mouth



**whaler** (n) a special ship designed for hunting whales

#### Unit 3 - The Art of Pottery

archaeologist (n) a person who studies ancient people and cultures by examining artefacts and monuments

**afterlife** (n) the part of a person's life after death happens

amphora (n) an ancient storage jar used for oil and other liquids

ancient (adj) extremely old, from a
past age

artwork (n) any item or object that
an artist creates

**auction** (n) a special sale where people make bids to buy an item, but the winning bid is the highest

**bone-dry stage** (n) the clay is completely dry and ready to be baked in the kiln

**bucket** (n) a round container for collecting, carrying or holding water, sand, etc.



**buried** (adj) to be under the ground **common** (adj) ordinary, regular, not special in any way

**decoration** (n) things made or done to make something more attractive or interesting

**to dip** (v) to put into liquid for a short time

to excavate (v) to dig and remove dirt and rock, to expose something underground



excavation (n) an area where digging is happening, an archaeological site excess (n) an amount of something

to glaze (v) to paint, to apply a layer of colour to something

that is more than desirable

hieroglyph (n) an ancient symbol used in writing like a modern letter historian (n) someone who studies the past

**instructions** (pl. n.) steps or procedures necessary to complete an action or task

**kiln** (n) a special oven for baking pottery

**leather-dry stage** (n) the clay is dry but not hard, and the potter cannot shape it anymore



**lumpy** (adj) not smooth and even in texture

**necropolis** (n) an ancient burial site, a large cemetery from an ancient city

**plastic stage** (n) when clay is wet and soft, easy to work with and shape

**potter** (n) someone who works with clay to make pottery

pottery (n) ceramics, dishes and vessels made from clay

rare (adj) extremely uncommon, very difficult to find or get

to shape (v) to give a shape to something



to sift through (phr. v.) to separate and remove particles or things from something

to smooth (v) to make something less rough, to make a surface flat and even

to spread (v) to apply on a surface, to cover something with

strainer (n) a tool that has holes in it for separating solids from liquids to suspend (v) to hang something from somewhere

**symmetrical** (adj) having equal parts together in a whole, two parts being the same size and shape

**tomb** (n) a monument made for a dead person, a burial chamber

**to uncover** (v) to expose, to reveal **valuable** (adj) having a great worth, costing a high price

**vessel** (n) a container, an object that can hold and carry liquids or solids

#### Unit 4 - How's It Made?

advertisement (n) a commercial, brochure or other media that promotes products and services for sale

anthropologist (n) a person who studies the customs, beliefs, work and development of humans

**benefit** (n) an advantage or positive thing that comes from something **to cause** (v) to make something

happen

charcoal (n) a special carbon solid

made from burned wood

and sells chocolates

charge (n) a quantity of explosive set to explode at a certain time chocolatier (n) a person who makes



cholesterol (n) a fat-like substance found in the blood and all cells of the body

citronella (n) a strong-smelling grass that produces oil used in insect repellents

to cool down (phr. v.) to bring back to normal temperature, to remove from heat danger (n) hurt or harm that can happen to something or someone, great risk that can bring negative consequences

diabetes (n) a disease that occurs when blood sugar is too high and causes damage to the heart, kidneys and other body parts

**dimensional** (adj) having height, length, and width; not flat

**eco-friendly** (adj) does not cause harm to the environment

eucalyptus (n) a tall evergreen tree native to Australia and popular for its oil

evidence (n) things that prove something is or is not true

to ferment (v) a process that converts sugar into the chemical compound: C<sub>2</sub>H<sub>c</sub>OH

fireworks (pl. n.) explosive devices that produce a colourful and loud light display, usually at festivals or celebrations

**fuse** (n) a cord or device that ignites an explosive

to harvest (v) to gather ripened crops at the end of the growing season

**itchy** (adj) feeling the need to scratch an unpleasant skin irritation like an insect bite

layer (n) one thickness, level or fold that lies on top of another liquid (n) a substance that flows like water or oil



to melt (v) to become a liquid, to dissolve a solid

**mould** (n) a hollow shape or form to create solids from a liquid that is poured into it

phenylethylamine (n) a chemical found in chocolate that creates an antidepressant effect in the brain

to pour (v) to send or make a liquid flow or fall from one container to another or onto something

**pyrotechnician** (n) a fireworks technician, an expert who works with fire and explosives