

# 4

# Blast off!

How can I create a puppet space journey?

**1**   Look at the picture. Discuss.

**See** What can you see? **Think** What's out there?

**Wonder** What do you think you can see in the other direction?



**2**  Which of these activities are different in space? Circle.



walk



work



eat




travel



breathe

3  Press out the cards. Play *Pairs*.

4  Listen and point. Then sing along and dance.

## SONG TIME

### Rocket in the sky

We **launched** the **rocket** to the Moon.  
Goodbye Earth, see you soon!

**rocket** 

We walked on the Moon in white space suits.  
We **floated** in our big space boots.

**float** 

We are coming home soon.  
Wave goodbye to the silver Moon. (x2)



# What's in space?

## VOCABULARY

I will learn space words.

1 Look at 2. Tick  the words you know in English.

2  Listen, point and repeat.



1 space



2 astronaut



3 space station



4 rocket



5 satellite



6 work



7 launch



8 travel



9 live



10 breathe



11 study



12 float

3  Sort the words from 2. Compare your answers with a partner.

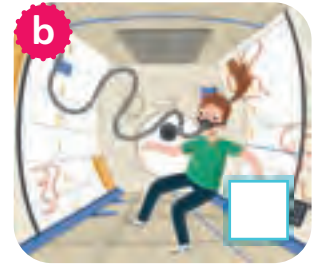
Actions

_____	_____
_____	_____
_____	_____
_____	_____

Space things

_____	_____
_____	_____
_____	_____
_____	_____

**4**  Listen and tick .



**5** Do the quiz. Circle.

## What do you know about **SPACE?!?!?**

**1** What's the name of a person who travels and works in space?

A a police officer  
B an astronaut  
C an alien

**2** How do you travel to space?

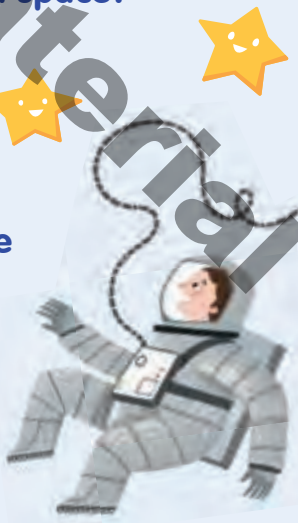

A on a bus  
B in a rocket  
C in a helicopter


**3** How do you breathe in space?

A normally  
B you don't  
C with an oxygen pack


**4** What is the International Space Station (ISS)?

A a large satellite where astronauts live, work and study  
B a planet  
C the Moon

**6**  Use words from this lesson to write sentences for a partner. Read and act.

Are you launching a rocket? No.

**7**  Make your own picture dictionary. Draw space words and activities you know.



# Language lab 1

GRAMMAR: HE / SHE \_\_\_\_\_ -ED.

I will learn to talk about the past using -ed.

1



Watch. What did Chris Hadfield do in space? Tick .



## 2 Read and match.

- |                         |                          |
|-------------------------|--------------------------|
| 1 Chris Hadfield walked | ● a the guitar in space. |
| 2 Chris Hadfield didn't | ● b in space.            |
| 3 He played             | ● c walk on the Moon.    |

## 3 Complete the sentences with the past of the action words.

- 1 She \_\_\_\_\_ (not study) Moon rocks.
- 2 They \_\_\_\_\_ (travel) to the Moon.

study - studied

Now

He works in space.

I don't travel in space.

Past

He worked in space.

I didn't travel in space.

4 Read and complete the paragraph with the correct form of the action words.

## Dr Mae Jemison

Dr Mae Jemison is an astronaut and doctor. At the age of 16, Mae Jemison **1** \_\_\_\_\_ (start) at Stanford University, where she **2** \_\_\_\_\_ (study) engineering. She **3** \_\_\_\_\_ (not stop) there! She then **4** \_\_\_\_\_ (decide) to study medicine at Cornell University. She **5** \_\_\_\_\_ (work) as a doctor in Africa and then **6** \_\_\_\_\_ (return) to the United States and **7** \_\_\_\_\_ (train) as a mission specialist with NASA. She **8** \_\_\_\_\_ (travel) in space on a US shuttle in 1992. She **9** \_\_\_\_\_ (not visit) the Moon, but she **10** \_\_\_\_\_ (be) the first African American woman in space!



5  Put the years in order. Then listen, check and repeat.

**MATHS**  
**ZONE**

1999 1969 2012 1895 2025 1976 2106 1902

\_\_\_\_\_

6  Play *Story chain*.

The rocket launched last week.

The rocket launched last week. Then the astronauts travelled to the space station.

# Story lab

READING

I will read a story about a space trip.

- 1 Listen and read. Where were Ellie and Max?

## SPACE TRIP



5 The rocket landed and we walked on the Moon!

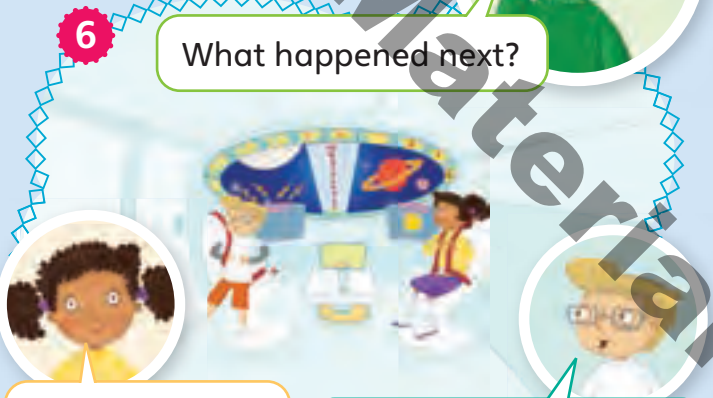
7 Wow, did you really travel in space?

We floated – it was amazing!



Wow!  
What happened next?

8 No, you didn't! Look, it's a space simulator!



We landed back on Earth.


We opened the rocket door and here we are!




I think so!

It was very realistic!

Can we have a turn?

2  Programme the space simulator. Place the stickers in order.

CODE CRACKER 

Five dashed circles for placing stickers.

3  Act out the story in groups.



# Phonics lab

O\_E AND U\_E

I will learn the long o and long u sounds.

**1** Listen and repeat. Then write o or u.



1 b\_\_\_\_ne



2 c\_\_\_\_be



3 c\_\_\_\_te



4 st\_\_\_\_ne

**2** What's the alien saying? Write. Find the symbols for o and u.

## CODE CRACKER

1

2

3

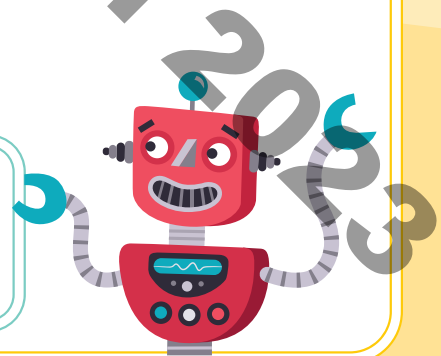
1 \_\_\_\_\_ 2 \_\_\_\_\_  
3 \_\_\_\_\_

a	b	c	d	e	f	g	h	i	j	k	l	m
n	o	p	q	r	s	t	u	v	w	x	y	z

**3** Create an alien mask. Write a speech bubble for your alien in alien language.

**4** Listen and chant.

I travelled around the globe  
On a huge space probe.  
And talked on my phone.



# Experiment lab

TECHNOLOGY: ROCKETS

I will learn how rockets work.



Watch a video about space.



1



Listen and read.

## Rockets

Rockets take people and things into space. To make a rocket launch, gas explodes out really fast and pushes it up. That's why rockets are noisy and you can see fire coming out.

## Try it out!

Blow up a balloon and let it go. What happens? The air coming out fast pushes it up and away from you. This is basically how a rocket works!



Rockets can only go into space and don't return. Spacecraft use rocket technology to launch into space but can return to Earth. Some spacecraft take people to and from the International Space Station.

## EXPERIMENT TIME

### Make rockets!

### Materials

fizzy vitamin tablets  
glass jug  
water mug  
plastic water bottle



### Method

- 1 Fill the jug with water.
- 2 Put in two tablets. Shake gently.
- 3 Watch. What happens?
- 4 Put water and tablets in a water bottle. Shake.
- 5 Put the bottle, top down, in the mug.
- 6 Wait and watch. What happens?



Don't eat the tablets!

### Try it out!

	Predictions	Observations
Tablets + warm water		
Tablets + cold water		

# Language lab 2

GRAMMAR: DID HE / SHE ...?

*I will learn to ask about the past using Did he / she ...?*

1 Read and write N (Neil) or T (Tim).

Neil

Tim



the Moon, 1969



International Space Station, 2015



walk



work

2 Match.

Question word

1 Where ●

2 When ●

3 What ●

4 Who ●

5 Why ●

6 How ●

Answer about ...

● a a time

● b a reason

● c a person

● d the way to do something

● e a place

● f a thing or an action

- 1 Did you walk on the Moon?  
No, I didn't. \_\_\_\_\_
- 2 Where did he travel?  
He travelled to the Moon. \_\_\_\_\_
- 3 Did you walk on the Moon?  
Yes, I did. \_\_\_\_\_
- 4 Where did he work?  
He worked on the ISS. \_\_\_\_\_

Did he travel to the Moon?  
Yes, he did. / No, he didn't.

Where did you work?  
I worked on the ISS.

3 Look at 2. Ask and answer questions about 1 with a partner.

Where did Tim work?

On the ISS.

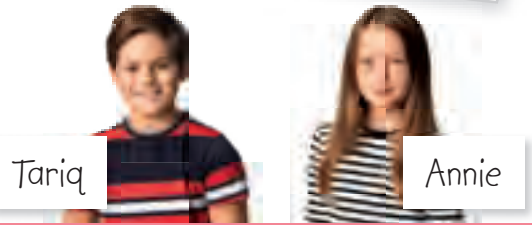


# I like to ...

## COMMUNICATION

*I will learn to talk about the weekend.*

- 1**  Listen and complete.  
Tick  for Tariq and Annie.



	Visited family	Did sport	Painted	Played computer games	Watched TV	Studied
Annie						
Tariq						
You						
Your friend						

- 2**  Complete the table in **1** for you. Then ask a partner. Tick .

How was your weekend?

It was good! I visited family and did sport. I didn't play computer games on my tablet.

**Values** Spend time with friends.

- 3** What do you like doing? How much time do you do it?  
Compare with a partner.

### What do you like doing?

Play computer games 😊 😞 \_\_\_\_\_

Look at social media

Watch video clips on the internet 😊 😞 \_\_\_\_\_

😊 😞 \_\_\_\_\_

Text friends 😊 😞 \_\_\_\_\_

Record how many hours you do each activity for a week.

Add up your total screen time. \_\_\_\_\_



# PROJECT AND REVIEW

Create a puppet space journey

## Step 1

### Research

Who went to space?

- Find out about an astronaut.
- Research their experience in space.
- Choose five interesting space facts about them.

#### Jose M Hernández

- He started astronaut training in 2004.
- He orbited the Earth in a space shuttle.
- He was the first person to use Spanish in space – he tweeted in Spanish!



- Tell classmates about your astronaut.

## Step 2

### Plan

What will you ask the astronauts?

- Work in a group.
- List the astronauts you all researched.
- Write questions for the astronauts.

How many times did you travel into space?

What did you study?

Where did you visit in space?

- Interview each other.

Hi, Chris Hadfield!  
How many times did you travel into space?

Three times.

Did you visit the Moon?

No, I didn't.

# Step 3

## Create

How can you tell their story?

- Create a shadow puppet of your astronaut.
- Create models of your rocket and the places your astronaut visited.
- Write the story of your astronaut's journey.



This is the International Space Station.

My astronaut travelled in this rocket to the Moon.

Visit a space centre with your parents.

# Step 4

## Show and tell

What's the story about?

Present your shadow play.



Add sound effects to make your show more exciting!

10, 9, 8, 7, 6, 5, 4, 3, 2, 1 ...  
Blast off! The rocket launched.  
It travelled to the Moon.

## Now I can ...

... use words to describe things and activities in space.

... say what people did in the past.

... ask and answer questions about things in the past.

... talk about my activities in the past.

# 2 Checkpoint

UNITS 3 AND 4

1



Listen and follow. Say the reference.

A grid of 20 circular illustrations arranged in 5 rows and 4 columns, connected by a red line. Each row is numbered on the left, and each column is labeled at the bottom.

5			
A	B	C	D

## 2 Read and complete the sentences. Use the references in 1 to write the words.

A: Hi! What's your job?

B: I'm an **1** \_\_\_\_\_ (A5).

A: What was it like when the rocket **2** \_\_\_\_\_ (C2)?

B: It was the **3** \_\_\_\_\_ (B5) experience ever!

A: Where did you travel?

B: I travelled into **4** \_\_\_\_\_ (B4).

A: What did you do?

B: I worked on a **5** \_\_\_\_\_ (B3).

A: How did you **6** \_\_\_\_\_ (C3)?

B: I **7** \_\_\_\_\_ (C3) with an oxygen pack outside.

A: Was it noisy in space?

B: No, it was really **8** \_\_\_\_\_ (D3). It was **9** \_\_\_\_\_ (D3) than Earth.

A: Did you like the food in space?

B: No, I didn't. It was **10** \_\_\_\_\_ (D2)!

A: Was it your first time in space?

B: No, I **11** \_\_\_\_\_ (B1) to the International

**12** \_\_\_\_\_ (D1) last year.

## 3 Find the references. Complete.

**A3** It was the \_\_\_\_\_ holiday ever!

**C1** Let me have a drink first – I'm \_\_\_\_\_ than you!

**C4** The lanterns \_\_\_\_\_ high in the sky at the Yi Peng festival last night.

**A2** I didn't \_\_\_\_\_ for my exam.

## 4 Use the maze in 1 to play a game. Say.

- Use a counter with one red side and one yellow side.
- Flick it on the maze.
- Make a sentence with the word.
- Land on an action:  
yellow = past  
red = past question
- Land on a describing word:  
yellow = comparative  
red = superlative

C5 yellow: The show was more boring than last night.



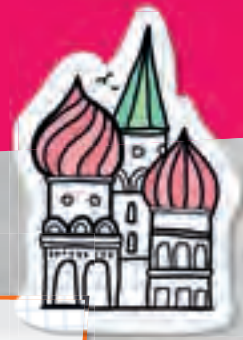
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# Space Exploration

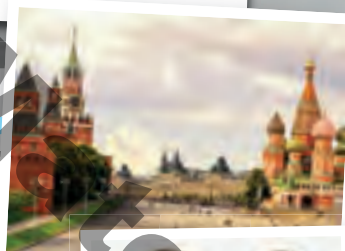
CULTURE 2: RUSSIA



1



**Listen and read.**  
**Which countries were in the Space Race?**



Posted 3.15 p.m.

I'm Leo and I'm visiting my student exchange friend, Pasha. I'm in Moscow in Russia. I'm visiting the Museum of Cosmonautics. It's all about space. In the 1950s and 1960s, Russia and the United States raced to be the first country to go into space! It was very exciting. Russia was the first to launch a man, Yuri Gagarin, into orbit! The United States launched a man into space only three weeks later. In 1963, Russian astronaut Valentina Tereshkova was the first woman to go into space. In 1969, the United States landed a rocket on the Moon, and Neil Armstrong walked on the Moon. In 1975, Russia and the United States started to work together to explore space. That's the best thing!



**Fun Fact!**

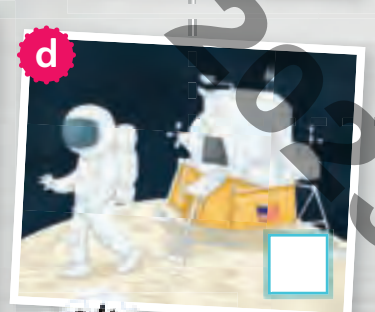
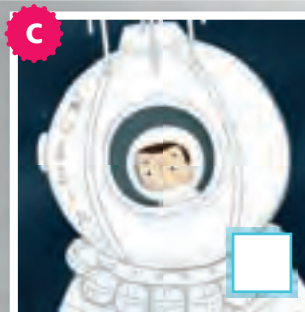
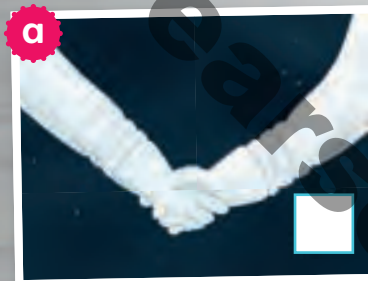
Russia is located across eleven time zones.

## Russia


Russia is a huge country that is in the continents of Europe and Asia. It is 17.1 million km<sup>2</sup> – that is big! The capital city of Russia is Moscow. Russia is very cold in winter but hot in summer. There are 144.5 million people living in Russia.



2 **Read again. Number the events in order.**



## Festivals

**3**  Listen. What do they eat during Maslenitsa? Tick .



pancakes



bread



pizza




**4**   Think about a festival from your country. Compare it to Maslenitsa. Talk with a friend.

Our town's festival is more colourful than Maslenitsa.

I think the food at Maslenitsa is tastier – I like pancakes!

## My Culture

What festivals are in your country?

**5**  Plan a space themed festival. Design a poster.

- 1 Plan and create your poster.
- 2 Display your posters. Show and tell.

