



FUN, FAMILY SCIENCE

britishscienceweek.org
8-17 March 2019



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Did you know, at 37.9km (23.5miles), the Channel Tunnel, still holds the record for the world's longest under-sea tunnel?

In celebration of our 25th anniversary in 2019, Eurotunnel has partnered with the British Science Association on British Science Week.

We hope that you will enjoy this taster pack of activities, and that it will inspire you and your family to find out more about the making – and everyday working – of the Tunnel.

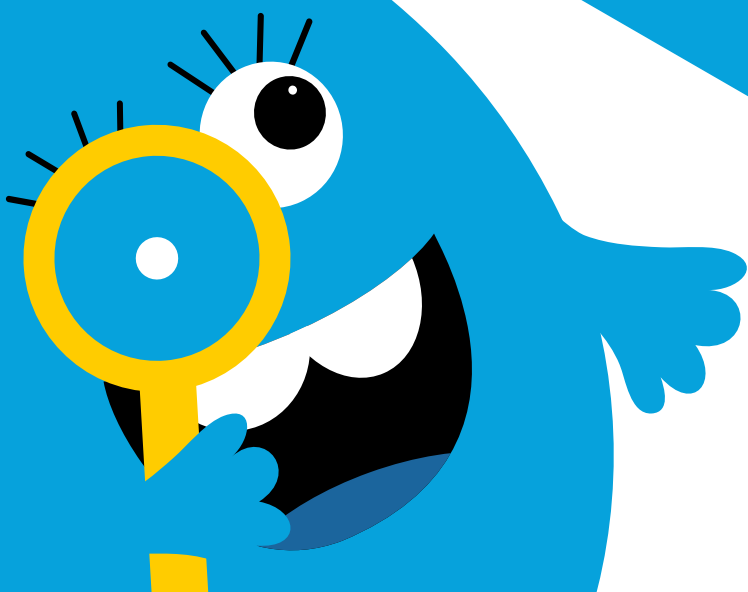
You can download our infographic poster, which is jam-packed with fascinating facts, here: eurotunnel.com/build and download the full British Science Week Activity Packs at britishscienceweek.org.

Word search

E	G	H	T	O	O	A	L	O	O	G	H	X
M	G	I	L	E	S	A	P	T	C	R	H	O
N	I	N	F	I	N	U	V	U	C	Q	I	U
O	R	A	F	G	T	M	S	N	W	R	X	X
B	T	B	I	N	J	K	J	N	H	C	W	H
T	T	S	I	M	U	V	T	E	E	H	O	W
K	T	R	A	C	K	C	T	L	E	A	C	C
A	U	P	B	T	R	A	I	N	L	N	U	C
V	C	H	R	Q	W	V	I	O	S	N	K	E
I	G	V	C	A	R	R	I	A	G	E	S	J
A	R	R	G	B	Z	H	D	T	Y	L	A	Z
X	C	Y	L	P	L	O	R	N	J	D	L	I
Q	C	M	S	H	H	F	C	I	H	I	J	F

List of words to find:

- Track
- Train
- Channel
- Tunnel
- Carriage
- Signal
- Wheels



About this activity

Find the words that fit together best in groups of four, and then give the group a name.

Categories

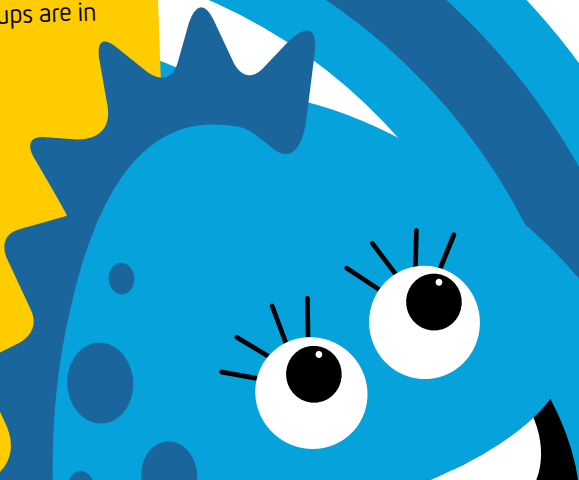
chocolate bars	Dairy Milk	Crunchie	Mars	Snickers

Words:

- Higgs
- Sandstone
- Limestone
- Autumn
- Flooding
- Earthquake
- Hawking
- Spring
- Summer
- Granite
- Drought
- Eruption
- Winter
- Lovelace
- Chalk
- Goodall

Tip

If you're struggling to see all the groups in the words above, write down the ones you find first, and see if you can work out what groups are in the words that are left.



Odd one out... with a twist!

About this activity

Look at the three objects in each group. For each object, decide how it is different from the other two, and how it could be seen as the odd one out in the group. Group 1 has been done for you.

Group 1



Wood
Reason:

It is the only living thing



Paper
Reason:

Because it is the only man-made thing.



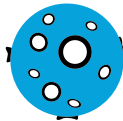
Rock
Reason:

It is the only thing that cannot be burnt.

Group 2



Earth
Reason:



Moon
Reason:



Sun
Reason:

Group 3



Shell
Reason:



Plant
Reason:



Rock
Reason:

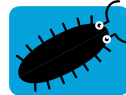
Group 4



Worm
Reason:



Snake
Reason:



Centipede
Reason:

Note

As long as you can give a clear reason to support your idea, then your answer is correct.

About this activity

When Australian Aboriginals went on long journeys they tied objects to a stick. They would start at one end of the stick and work along it as they travelled. The objects would help them to remember events and experiences on their journey, and to tell others of their adventures. Go on your own journey and make a journey stick with a friend. Where you will go?

What might you find or experience and how will you attach the items to the stick? Share your journey stick with other people to tell them about your journey.

Kit list

- ☑ Sticks (choose your own)
- ☑ Something to fasten the objects to the stick e.g. string, tape, cotton thread, elastic bands
- ☑ Coloured wool or strips of fabric in a large tray or little bags for each group. They can represent places and events on the journey e.g. blue wool for water or red fabric for the sun setting as the journey ended
- ☑ Items collected on your journey

Watch out!

- ☑ Remember to wash your hands after the event. No fingers in mouths!
- ☑ Make sure to listen to advice from adults about avoiding poisonous or prickly plants.
- ☑ Avoid going too close to water.
- ☑ Don't attach any animals or insects to the stick!
- ☑ All journeys should be supervised by an adult

Next steps

- ☑ This activity can be put towards a CREST SuperStar Award and there are plenty more online activities you could try for free. For more information, follow this link: [crestawards.org/crest-superstar](https://www.crestawards.org/crest-superstar)

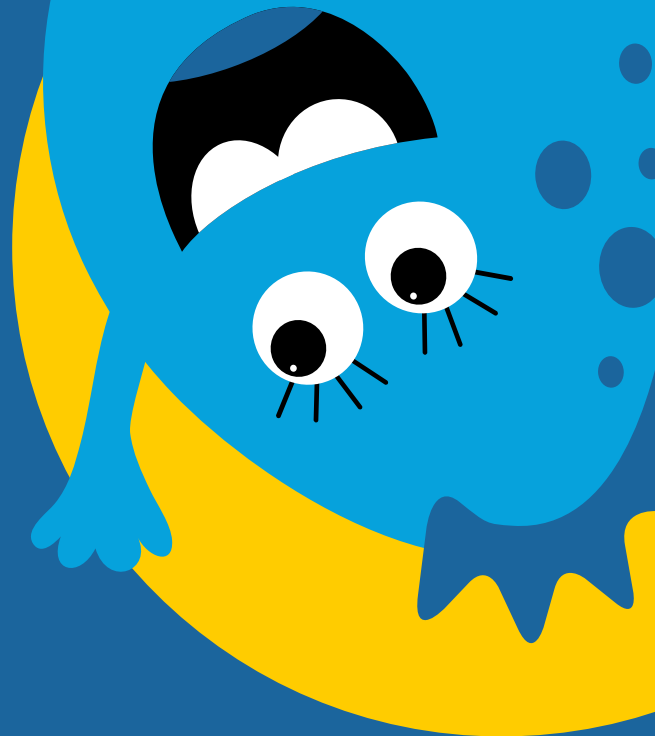
Journey stick

Instructions:

- 1 Think about how others might be able to guess where you have been. For example, if you passed an old oak tree, you might want to collect a leaf or an acorn.
- 2 If you saw a robin, you might tie some red wool on your stick.
- 3 How could you show it was sunny when you started your journey?
- 4 Look very carefully as you travel. Remember to start at one end of the stick and work across to the other end.
- 5 Can others tell where you have been? Does the stick help you to remember your journey?
- 6 Talk about your journey to your friends.
- 7 What other journeys can you make?
- 8 How are your sticks different for each journey?
- 9 Can you make a simple map of your journey?
- 10 Can you find out more about how the Aboriginal people used their journey sticks?



Answer sheet



Odd one out



Known to have life



Is significantly smaller



Star/ball of gas



Was part of an animal



Living



Has never been alive



Lives underground



Not an invertebrate



Has legs/appendages

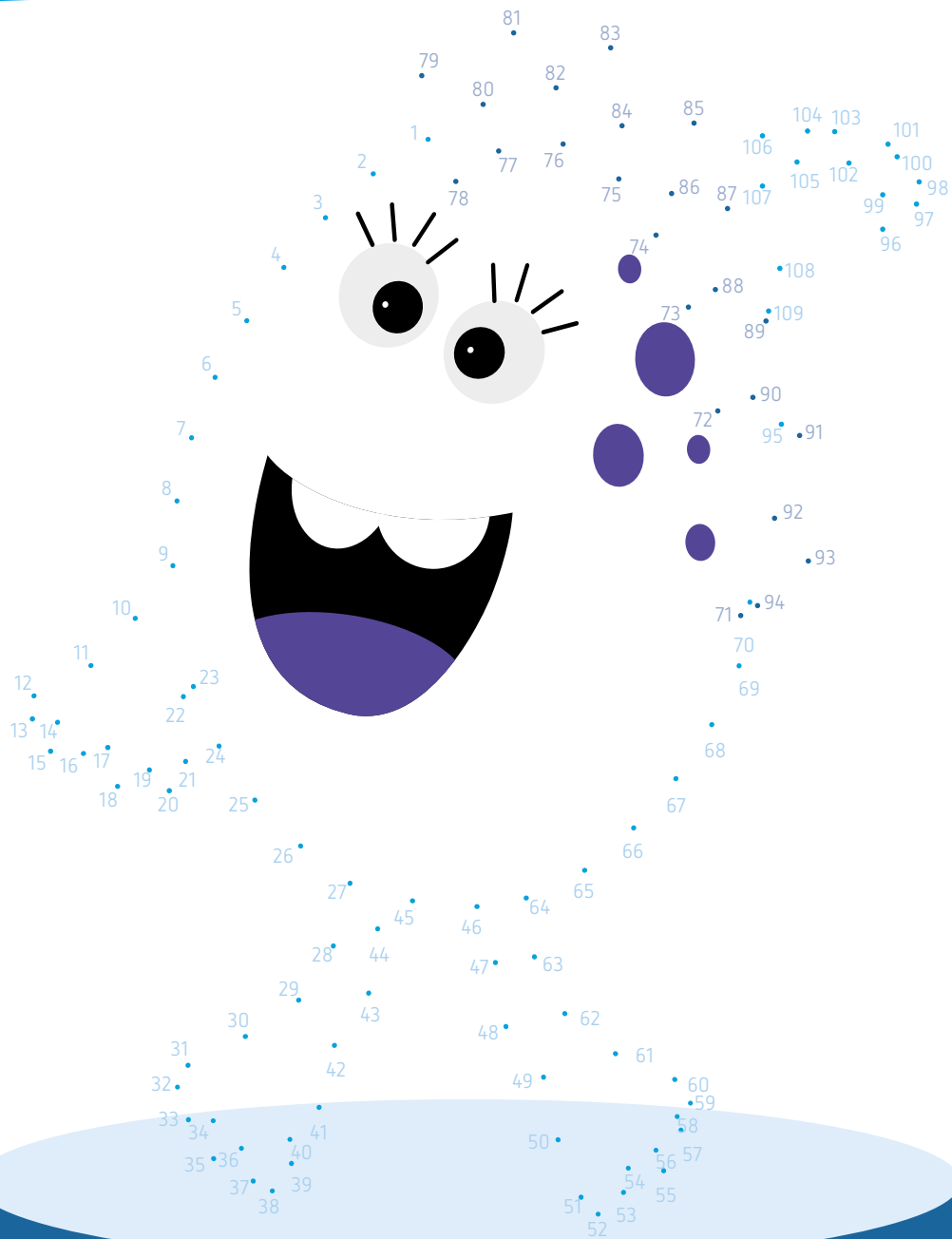
Word search

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O	R	A	F	G	T	M	S	N	W	R	X	X
B	T	B	I	N	J	K	J	N	H	C	W	H
T	T	S	I	M	U	V	T	E	E	H	O	W
K	T	R	A	C	K	C	T	L	E	A	C	C
A	U	P	B	T	R	A	I	N	L	N	U	C
V	C	H	R	Q	W	V	I	O	S	N	K	E
I	G	V	C	A	R	R	I	A	G	E	S	J
A	R	R	G	B	Z	H	D	T	Y	L	A	Z
X	C	Y	L	P	L	O	R	N	J	D	L	I
Q	C	M	S	H	H	F	C	I	H	I	J	F

Categories

Types of rock	Limestone	Granite	Chalk	Sandstone
Natural disasters	Earthquake	Drought	Eruption	Flooding
Seasons	Spring	Summer	Autumn	Winter
Famous scientists	Higgs	Lovelace	Goodall	Hawking

Dot-to-dot



Taking place in March each year, British Science Week is a nationwide celebration of science, technology, engineering and maths, featuring thousands of events and activities up and down the country.

If you're interested in taking part, attending an event or getting stuck in with citizen science, visit our website to find out more: www.britishsienceweek.org

