



CDAT Ogden Partnership

SCIENCE SPARK

Launch Edition

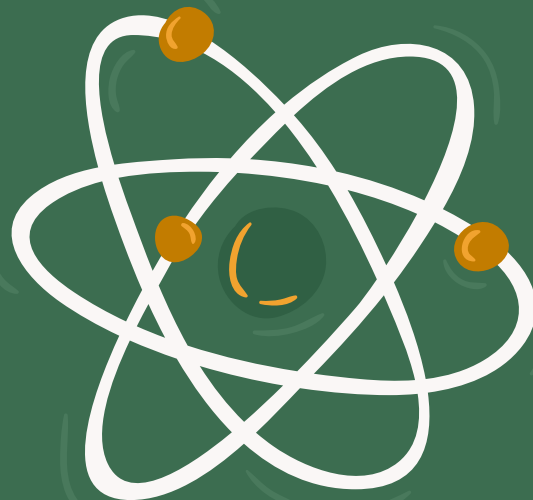


Welcome

CDAT Ogden Partnership

Welcome to our Schools' termly science newsletter.

Last term, our CDAT schools launched our partnership with the Ogden Trust. This partnership will bring lots of exciting science opportunities to you and your families. We will be sending you a termly science newsletter full of exciting activities, facts, puzzles and practical activities to try at home.



Termly Update

We are so excited for all the amazing science activities we have planned. Keep an eye out for things happening in your school.

We have just started to purchase books for our science travelling library and cannot wait to launch this later in the Spring Term and Summer Term.



Science Dates

- British Science Week 7th -16th March
- National Inventors day 11/2/2025

FUN FACT

Sensational Facts

Animals

These animals have all been in outer space: chimpanzees, monkeys, dogs, mice, and a guinea pig. The first chimp was called Ham and went to space in January 1961.



Due to its beak, a flamingo eats with its head upside down.



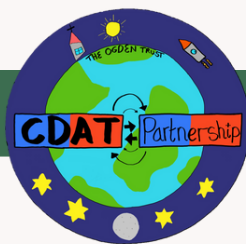
Hummingbirds are the only birds that can fly sideways, backwards, up and down, and hover in mid-air.



Competition

Last term we launched a competition for our new logo. We had over 700 entries which were sent to our judges. We are delighted to announce our winner - George from Dodleston. George was presented with the digital image of his badge and his prize - a goody bag and tickets to a local science museum for him and his family. Each entry received a certificate and runners up also received a goody bag.

Thank you to all the children and schools in our trust for entering.



#CDATOgdenPartnership

February: Issue 1

Dancing Cranberries

You will need:

- dried cranberries
- clear jar or glass
- sprite/lemonade

Tip: If you cannot find cranberries, raisins will work just as well.

1. Pour the Sprite or lemonade into the clear glass or jar. (Fill it about 3/4 full.)

2. Carefully drop the cranberries into the glass/jar.

3. Observe what happens to the cranberries.

Remember!

Ask a grown up first.

What's the Science?

The bubbles from the drink form on the cranberries. This causes them to float to the surface. Once they reach the top, the bubbles pop which causes the cranberries to sink back to the bottom. This continues to happen over and over again.

Joke

Q How do the astronauts serve dinner in outer space?

A On flying saucers!

DAILY NEWS

space - forces - sound - electricity - light - missions

Back to the Moon?

NASA are currently working on the Artemis 2 and Artemis 3 missions.



Artemis 2 (originally planned for 2025 but now moved to 2026) will send four astronauts around the moon and back.

Artemis 3 will send astronauts to land on the moon. This will be the first moon landing since 1972.

The Orion capsule is currently being prepared. For more updates, be sure to check out the NASA website.

www.nasa.gov/mission/artemis-ii/

Try at Home

Why not keep a look out for the moon? Can you see how it appears differently in the sky? A full moon happens once every 29 days (ish). Did you know that each month's full moon has its own name? February is known as the snow moon.

Scientist in the Spotlight

HELEN SHARMAN



Helen Sharman was the first British person in space.

After responding to a radio advert asking for applicants to be the first British space explorer, Helen was selected for the mission on 25th November 1989, beating nearly 13,000 other applicants.

Helen was 27 years and 11 months old when she went into space.

She wrote the book 'The Space Place' for children.

Keep an eye out in your science library early next year for a chance to read it.



Did you know?

Snowflakes are unique. No matter how many billions of them fall from the sky, there are never two the same.

PUZZLE PAGE



Spot the Difference



Can you spot all the differences hidden in these pictures?

What space related word is each picture showing?

Hint: They can all be found in a box of Celebrations.



Answers: a) Mars b) Milky Way c) Galaxy

Word Scramble

Unscramble the letters to make the hidden space word.

OECTRK

LNPEAT

TOMEC

TSSRA

Answers: a) rocket b) planet c) comet, d) stars

WONDEROUS WORDSEARCH

M	N	H	N	G	E	E	D	O	C	A	A	N	H
O	G	D	E	N	O	G	O	O	O	L	E	T	C
M	C	O	E	I	O	E	S	M	P	N	G	M	
D	O	G	T	P	O	A	E	O	P	D	C	D	P
O	S	O	I	O	H	M	C	N	E	S	I	O	O
P	M	L	E	I	E	A	A	L	T	E	S	O	L
L	S	N	C	S	O	C	P	C	I	E	D	L	N
A	E	A	N	E	M	O	S	S	T	L	E	C	D
N	A	C	E	I	T	C	N	N	I	O	E	E	T
E	A	D	I	L	I	G	H	T	O	H	M	C	A
T	M	C	C	E	S	L	C	M	N	C	E	O	D
L	S	H	S	O	D	S	L	O	O	H	C	S	C
I	O	M	O	O	N	N	L	A	C	S	C	A	D
G	T	O	E	N	S	S	O	M	T	C	N	E	C

science
ogden
cdat

space
competition
schools

planet
moon
light

QUIZ TIME

- 1) Which planet is closest to the sun?
- 2) What is the largest planet in our solar system?
- 3) What force keeps us on the ground?
- 4) What is the name of the galaxy that we live in?

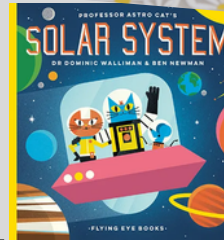
Science Riddle: You will find me in Mercury, Earth, Mars, and Jupiter, but not in Venus or Neptune. What am I?

Answer - The letter r

COMING SOON

Issue 2
Easter 2025

- Chocolate science
- Science in the News
- Scientist in the Spotlight
- Partnership updates
- Puzzles and games
- Jokes and more



Your Turn!

Want to get involved?

Do you have any interesting science facts you would like to send into our newsletter?

Has your school done something AMAZING in science that you would like to share with other CDAT schools?

Have you taken any amazing photographs of the night sky?

Send them to your schools science lead and they may get published in our newsletter.

THANK YOU!

I hope you enjoyed our first CDT Ogden Science Partnership newsletter. I look forward to working with your schools and sharing the great research & practice from the Ogden Trust.
Thank for reading.

Mrs Q
CDAT Ogden Trust
Hub Lead)



The
Ogden
Trust

School
Partnership



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