

Home Learning Activities

Week 5



Hi Year 6!

We hope you have another fun-filled week! This is your learning pack for this week. Each week there will be a different theme - this week's theme is **Evolution and Adaption**.

Don't forget, if you haven't already, to email us your memory, thank you and hope for the future!

You will see that there are different tasks for English and Maths as well as some things for you to do around our topic and some activities to keep you active. Those highlighted in **green** are tasks that we would like you to do, those highlighted in **yellow** are ones that you could do if you finish and those that aren't highlighted are ones that you can do if you've finished everything!

Speak soon,

The Year 6 team.

Maths

- Keep practising your times tables and division facts on Times Tables Rock Stars: www.ttrockstars.com
- Complete two Maths lessons: <http://tiny.cc/6nm6oz> (opens in YouTube)
- Complete the magic square below and then answer the questions
- Have a go at this Make the Number game: https://www.mathplayground.com/make_a_number.html How quick can you be?
- Play Four Go For Two (below) with an adult or a sibling. Who can win the most games? Best out of 3? 5?

English

Reading:

- Regular Reader – Read a book at least 3 times this week.
- Read 'The Greatest Library' below and answer the questions afterwards in detail, giving reasons for your responses.
- Recommend a book to someone else - could be a family member or friend. Why should they read the book?
- Complete 2 tasks from your reading mileage challenge.

Writing:

- Look at the image below of 'The Greatest Library' and read the introduction to the story. Your task is to continue the story. You can choose what genre you would like to turn it into. It could become a fantasy story, an adventure story or even a horror! Remember to include features that we have worked on in class:

- ✓ Descriptive language
- ✓ Figurative language (similes, metaphors, personification, alliteration, etc...)
- ✓ Dialogue – can you introduce another character? Could there be a mysterious old librarian?
- ✓ Suspense – could something unexpected happen?

Spellings

Have a practice of these spellings all linked to our Science topic of Evolution:

Can you write a definition for each word and use it in a sentence?

- vary
- variation
- characteristics
- evolution
- adaption
- environment
- advantageous
- palaeontologist
- natural
- selection

Riddle time!

Where can you find cities, towns, shops, and streets but no people? 

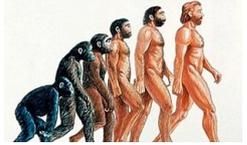


Project

Evolution and adaptation are usually talked about in the same sentence but they mean very different things!

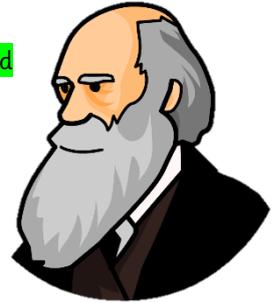
Adaptation is where an animal is fitted to their environment like a duck having webbed feet.

Evolution is where an animal is born looking slightly different but that difference makes it better so it survives and passes the difference onto its offspring, and so on.



TASK 1: Go to <https://www.bbc.co.uk/bitesize/articles/zif3rn5> and research more into adaptation and complete the activities on the page.

Charles Darwin was a scientist who investigated evolution and natural selection and went on many voyages around the world to find out more.



TASK 2: Research Charles Darwin and create a poster about him and what he was known for

Let's get physical!

Did you know that when you exercise, your body releases chemicals called 'endorphins'? One of these endorphins is called serotonin and it actually makes you feel really good! It gets rid of any stress and anxiety and makes you feel happier and healthier. Have a go at some of these activities to have a great start to your day!

- Lets Get Physical - Joe Wicks Joe Wicks morning workout
<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYRm6rY0>
- 1 minute challenge - How many hops, jumps, squats, jumping jacks etc. can you do in 1 minute?
- Can you beat your personal best? Keep a record of your progress.
- Isolation Icons – Hull Active Schools Primary Daily Challenge
<https://www.hullactiveschools.org/isolation-icons>
- Learn or improve a sports skills e.g kick ups, throwing and catching, skipping, jumping.
- Miss Thompson Live Lesson
- Outdoor Explore – walk , run outside



Joke time!



What time do ducks
wake up?

At the quack of dawn!

Smell ya later!

be the
reason
someone
smiles
today



The Greatest Library



The books had minds of their own...

This was no ordinary library.

Books about knights and castles would gallop all over the library, bravely and boldly ordering the other books around. The books about thieves would sneak around, lurking behind bookshelves in the shadows. Books about wild animals would occasionally roar and bite other books. The ones containing stories set in the winter would often shiver, covering their neighbours with snow and frost.

Lucy loved this place like no other. Reading was the most exciting thing in the world here: everything she read seemed to come alive out of the pages...

Maths Game: Four Go for Two

Here's a game to play with an adult!



How do you play?

You'll need an adult to play with.

You'll also need a number line from 1-20, like the one above.

The adult chooses two numbers in this grid and either multiplies or divides them.

100	25	5
10	2	36
12	4	3

\div

\times

They then mark the answer to the calculation on the number line. You then choose two numbers and either \times or \div , and mark that number in a different colour on the number line.

If the answer is too big or too small to be marked on the number line, the player misses a go. The winner is the person to get four marks in a row with none of their opponent's marks in between.

Questions:

What good ways do you have of winning the game?

Does it matter if you go first or second? Explain.

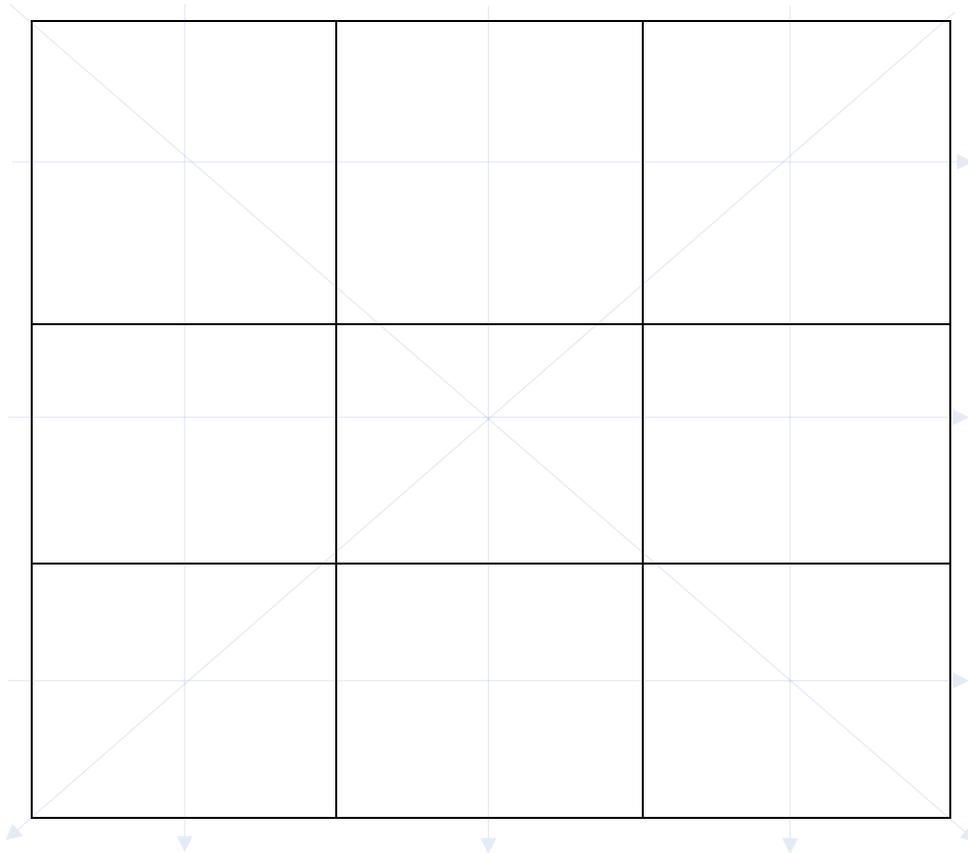
How are you deciding which number to aim for next? Explain.

Can you find a winning strategy?

Magic Square

Magic Squares are square grids with a special arrangement of numbers in them. These numbers are special because every row, column and diagonal adds up to the same number (look at the arrows for help).

Use the digits 1-9 to complete this magic square:



What is the magic number?

What **must** the middle number be and why?

Are there any other ways of completing the square?

Is there a rule for where numbers should be placed? If so, what is it?