

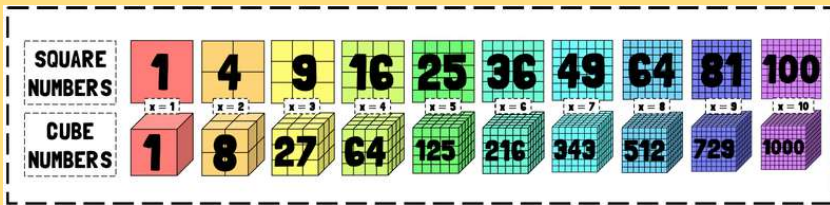
# Year 6 Knowledge Map – Advent 1

Please make sure you bring in a named, filled water bottle each day. It must go home every day to be washed.

To protect everyone in our school, we no longer allow children to bring in cakes or sweets for their birthdays. You can of course come into school in your own clothes on your birthday.

On Fridays, come to school dressed in your PE kit. You can wear black, green or grey tracksuits with school PE kit underneath.

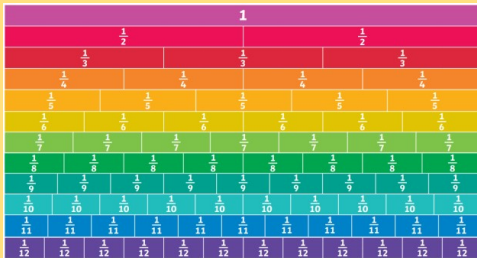
## Maths



Learn your squared and cubed numbers. Can you work out  $11^2$ ,  $12^2$ ,  $11^3$  and  $12^3$ ?

Jot down a place value chart when multiplying or dividing by 10, 100 and 1000. We move the numbers to the left when we multiply as the value of the number increases. We move the numbers to the right when we divide as the value of the number decreases.

|   |   |   |     |      |      |
|---|---|---|-----|------|------|
| H | T | O | Tth | HTth | Thth |
|   |   | 5 | 4   | 2    |      |

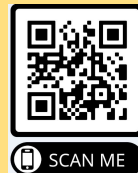


Use this fraction wall to memorise your equivalent fractions.

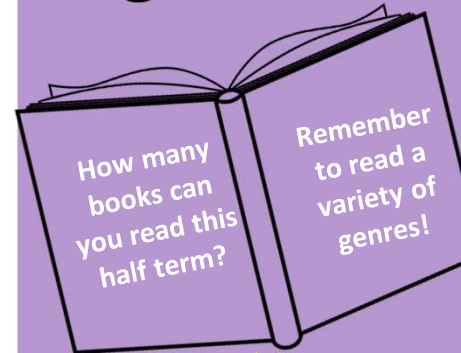
$5.42 \times 10 = 54.2$   
We move the numbers one place to the left.

$5.42 \div 100 = 0.0542$   
We move the numbers TWO places to the right.

Keep practicing your times tables. Why not try playing hit the button? How fast can you complete the times tables? Scan the QR code to play.



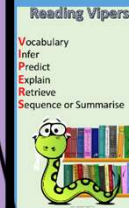
## English



SCAN ME

Use these games to practice your spellings.

Our class novel is ...



Can you find out what inspired the author to write 'Wonder'?

Do you know any books similar to Wonder? Recommend them to your friends!

To make your writing interesting, use a range of simple, compound and complex sentences.

*Jerry goes for a jog in the morning.*

This is a simple sentence, it is made up of one clause.

*Jerry went out for a jog and Louise went shopping.*

This is a compound sentence as it contains two independent clauses joined by a coordinating conjunction.

*Although he was tired, Jerry went out for his morning jog.*

This is a complex sentence as it contains a main clause and a subordinate clause.

### Learn these spellings and try to include them in your written work
















|           |              |            |
|-----------|--------------|------------|
| appear    | believe      | certain    |
| different | enough       | favourite  |
| group     | heard        | interest   |
| material  | occasionally | particular |
| separate  | although     | thought    |

# Year 6 Knowledge Map – Advent 1

## Science

Learn about the different gestation duration for these mammals.

### Average gestation period of mammals

|   |  |   |
|---|--|---|
|  Mouse<br>20 days       |  Polar bear<br>8 months |  Camel<br>13 months    |
|  Kangaroo<br>1.5 months |  Human<br>9 months      |  Giraffe<br>14 months  |
|  Dog<br>2 months        |  Cow<br>9.5 months      |  Rhino<br>15 months    |
|  Lion<br>3.5 months     |  Seal<br>11 months      |  Whale<br>18 months    |
|  Deer<br>6.5 months     |  Alpaca<br>11.5 months  |  Elephant<br>21 months |

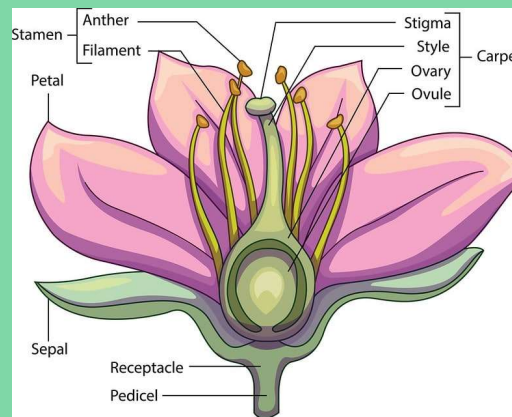
BRAINCHEM  
(a coxby)

### Animals including Humans - Key Vocabulary

|             |  |
|-------------|--|
| Mammals     | A warm-blooded animal with a backbone and has skin usually more or less covered with hair.                 |
| Foetus      | An unborn or unhatched offspring of a mammal.  |
| Birth       | The emergence of a baby from the body of its mother.   |
| Gestation   | The period of time that a mammal carries her offspring inside her body before giving birth.                |
| Adolescence | The period following the onset of puberty during which a young person develops from a child into an adult. |

### Living Thing and their Habitats - Key Vocabulary

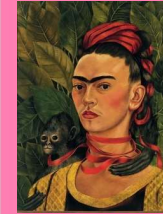
|             |  |
|-------------|--|
| Environment | All the physical surroundings on Earth.  |
| Adapt       | The process by which a species becomes fitted to its environment   |
| Habitat     | The natural home or environment of an animal, plant, or other organism.  |
| Species     | A group of living organisms consisting of similar individuals  |
| Genetics    | <b>Genetics</b> is the study of <b>genes</b> and <b>heredity</b> . It studies how living organisms, including people, inherit traits from their parents. |



Technical vocabulary of the different parts of a flower.

## Art

We will be studying the work of Frida Kahlo.



Try creating a self portrait imitating Kahlo's style.



### Frida Kahlo Facts

- She was born in Coyoacán, Mexico.
- She suffered from polio which left her disabled.
- She studied medicine and was going to become a doctor.
- She was in a traffic accident at 18 which injured her, this motivated her to pursue art rather than medicine.
- Fifty-five of her 143 paintings are self portraits.
- She was heavily influenced by native Mexican culture, shown in bright colours and her use of symbolism.
- Kahlo's work is often labelled as 'surrealist'.



Can you research any other surrealist artists?



Look up the definitions of some of these key words and find pictures of photos to explain their meaning.

Folk art Ethnicity Symbolism Texture  
Composition Proportion Class