

## In English we will be learning to...

- Read books that are structured in different ways and reading for a range of purposes
- Identify the audience for and purpose of the writing, select the appropriate form and use other similar writing as models for our own writing
- Write legibly, fluently and with increasing speed deciding whether or not to use joined-up handwriting
- Continue to distinguish between homophones and other words which are often confused
- Continue to use commas to clarify meaning or avoid ambiguity in writing



## In Science we will be learning to...

- Compare and group everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity and response to magnets
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials
- Demonstrate that dissolving, mixing and changes of state are reversible changes



# Year 5 Spring Term 2019

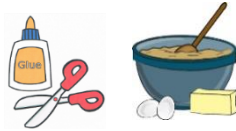
## In Maths we will be learning to...

- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers
- Recognise mixed numbers and improper fractions and convert from one form to the other
- Solve comparison, sum and difference problems using information presented in a line graph



## What else can you do at home?

- Read every day from a wide variety of literature – Try to read from at least 5 different types this term
- Practise spellings and sounds
- Practise all times tables and division facts
- Practise estimating cost, weight and capacity of a range of kitchen items
- Talk to friends from different cultures. Design a poster about how families from a range of cultures live differently



### In Design Technology we will be learning to...

- Design and make a clock



### In Computing we will be learning to...

- Use an online tool to collect questionnaire data
- To use technology safely and responsibly



### In History we will be learning to...

- Explain why Bagdad was historically significant to the Islamic empire
- Explain the influences Islamic culture have had on the world including Maths, Art and Science



### In MFL we will be learning to...

- Speak and write French
- Celebrations and 'la nourriture'



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## Early Islamic Civilizations

### We will also be learning to:

- Develop **Self-control and Self-sufficiency**
- Going for goals, Good to be Me, Joining in and joining up and Daring to be different (PSHCE/SEAL)
- What does it mean to be a Muslim? (RE)



### In Art and Design we will be learning to...

- Consider how form is important when designing for a purpose e.g. so that structure will stand freely
- Learn how to use Modroc effectively
- Learn about the inspiration and work of architect Zaha Hadid



### In PE we will be learning to...

- Develop multi-skills through Games, Dance, Gym and Healthy Active Lifestyles



### In Geography we will be learning to...

- Use maps to identify the position and significance of latitude, longitude, equator, Northern hemisphere, Southern hemisphere, the tropics of Cancer and Capricorn, Arctic and Antarctic circle, the Prime Greenwich meridian and time zones



### In Music we will be learning to...

- Discover the work of British composers