

**Engage:**

**Express:**

### Literacy

**Spoken Language:**

Use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas  
Participate in discussions, presentations, performances, role play, improvisations and debates

**Reading:**

Retrieve and record information from non-fiction  
Identify how language, structure and presentation contribute to meaning  
Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader

**Writing:**

Note and develop initial ideas, drawing on reading and research where necessary  
In narratives, describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action  
Using the perfect form of verbs to mark relationships of time and cause  
Using expanded noun phrases to convey complicated information concisely

### Physical Development

**Athletics**

Introduce body control while moving including balance, co-ordination and jumping  
Recap athletic disciplines through games  
Develop throwing and catching skills  
Perform a variety of throws with increasing control  
Introduce techniques when throwing for accuracy and distance  
Aim at a static target at a range of distances  
Use skills and knowledge to develop simple games/challenges

**6-a side football**

**Gym:**

Learn the basic handstand  
Be able to perform a cartwheel  
Transfer weight from hands to feet using apparatus and partners  
Perform a backward roll to straddle / cartwheel

### Personal, Social and Emotional Development

**PSCHE: Getting On and Falling Out**

Working co-operatively to help a group  
Being a really good friend  
Keeping calm and overcoming feelings of anger  
Solving a difficult problem with a friend  
Say no to bullying:  
- What it is?  
- How does it feel?  
- Why do people bully?  
- How can we prevent and respond to it?

**R.E.: Islam: worship, festivals and practices**

-the Mosque as a place of worship and learning  
-role of the Imam in the community  
-the call to prayer  
-The Five Pillars  
-birth and naming of children  
-marriage  
-greetings and respect for elders  
-end of Ramadhan and during Hajj

## AUTUMN TERM 2 2017 Objectives Stargazers Year 5

### Mathematics

-uses formal written columnar methods of addition and subtraction within the fluency focus and reasons why they are appropriate  
-justifies solutions and determines in the context of the problem levels of accuracy using estimation, rounding and use of inverse operation  
-uses a range of mental methods of addition and subtraction within the fluency focus *e.g. decimal complements to 1*  
-solves numerical problems within the fluency focus and through a range of contexts including understanding the meaning of the = sign *e.g. addition and subtraction multi-step problems in contexts deciding which operation to use and why*  
-understands and applies the knowledge of place value *e.g. reads, writes, orders, compares, estimates, multiplies and divides numbers by 10, 100 and 1000 up to 1 000 000 and to 3 decimal places*  
-rounds decimals with two decimal places to the nearest whole number and to one decimal place (5F7) and any whole number up to 1,000,000 to the nearest 10, 100, 1000, 10,000, and 100,000  
-multiplies and divides whole numbers and those involving decimals by 10, 100 and 1000  
measure: converts between different units of metric units of measure for length

### Understanding of the World

**GEOGRAPHY: Skills and Fieldwork**

Use maps, atlases, globes and digital mapping to locate countries and describe features studied

**HISTORY:**

Study an aspect or theme in British history that extends pupils' chronological knowledge

**SCIENCE: Forces**

Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

Identify the effects of air resistance, water resistance and friction, that act between moving surfaces  
Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

**COMPUTING: Online**

Use advance search functions in Google (quotations).  
Understand websites such as Wikipedia are made by users  
Use strategies to check the reliability of information (cross check with another source such as books).  
Use their knowledge of domain names to aid their judgment of the validity of websites.

### Languages

Understand the main points from a short spoken passage made up of familiar language in simple sentences *e.g.*  
A short rhyme or song, a telephone message, announcement or weather forecast  
Sentences describing what people are wearing, what they are doing, an announcement or message.

### Expressive Art and Design

**DESIGN AND TECHNOLOGY:**

Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design  
Apply their understanding of how to strengthen, stiffen and reinforce more complex structures  
Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]

**Music:**

Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression  
Improvise and compose music for a range of purposes using the inter-related dimensions of music