

# Topic web to show possible Year 2 Autumn Term activities 2019

## **Light and Fire**

### Maths

- Estimate and count a number of objects up to 100; locate numbers up to 100 on number lines and squares;
- To begin to learn related subtraction facts; know multiple of 10 number bonds to 100, learn bonds to 20, rehearse number bonds to 10 and 20 using stories
- Double numbers to double 15, Sort 2D shapes according to symmetry properties, identify right angles and sort shapes using Venn diagrams, recognise squares, rectangles, circles, triangles, ovals and hexagons,
- Know and use ordinal numbers; Add and subtract 10, 20 and 30 to any 2-digit number; Add and subtract 11, 21, 12 and 22 to any 2-digit number; Solve addition and subtractions by counting on and back in 10s then in 1s; solve addition and subtraction problems using concrete and pictorial representations
- Understand and use terms and vocabulary associated with position, direction and movement; Begin to measure in centimetres and metres
- Add and subtract 2-digit numbers; Solve addition and subtraction problems using concrete and pictorial representations; Add near doubles to double 15; Add several small numbers spotting near doubles or pairs to 10, etc.
- Count in 2s, 5s and 10s from zero;

### Computing

**E-Safety** – Staying safe online  
**Word processing** – how to use word.

### Design Technology

**Vehicles** - Designing and making a model fire engine  
Making a model Guy for a bonfire

### English

**Fiction** – Story writing in familiar settings  
**Non-fiction** – instructions and discussions  
**Poetry** – Pattern, rhythm and rhyme.  
**Fiction** – An introduction to Traditional Tales  
Learn to apply their written knowledge to other subjects.  
**Grammar** – learning about nouns, verbs, adjectives and using different suffixes to words. Eg enjoyment.  
Learning to use the single possessive apostrophe and the apostrophe for omission eg don't, isn't  
Reading Comprehension – prediction and inference.  
**SPaG and Phonics**  
Revisit phase 5 and move to phase 6 phonics.  
Learn different spelling patterns which include homophones, prefixes and suffixes.

### Science

**Light sources and shadows** – How light is emitted, where shadows come from. How the moon is lit.  
**Electricity** – Making simple circuits. How a switch works. What happens when items are added to a circuit.

### Geography

Naming world **continents** and **oceans**  
Exploring UK **Capital Cities**

### Music

**London's Burning** – performance skills  
**Singing in a round** – listening skills

### Art

**Colour** - Primary & secondary colours  
Piet Mondrian and Henri Matisse

### PSHE

**Relationships**  
Feelings and emotions,  
Healthy relationships,  
Valuing differences.

### RE

**Understanding Christianity Harvest** - God's creation  
**Jesus the storyteller**  
**Christmas lights** - The role of light in different faiths

### PE

**Dance** – exploring movement patterns  
**Games** – applying skills to game situations  
**Tennis** – racket skills

### History

**The Great Fire of London and Samuel Pepys**  
**The Gunpowder Plot and Guy Fawkes**  
**Remembrance Day**