## English

## • Multiplication and division facts, factor pairs, problem solving

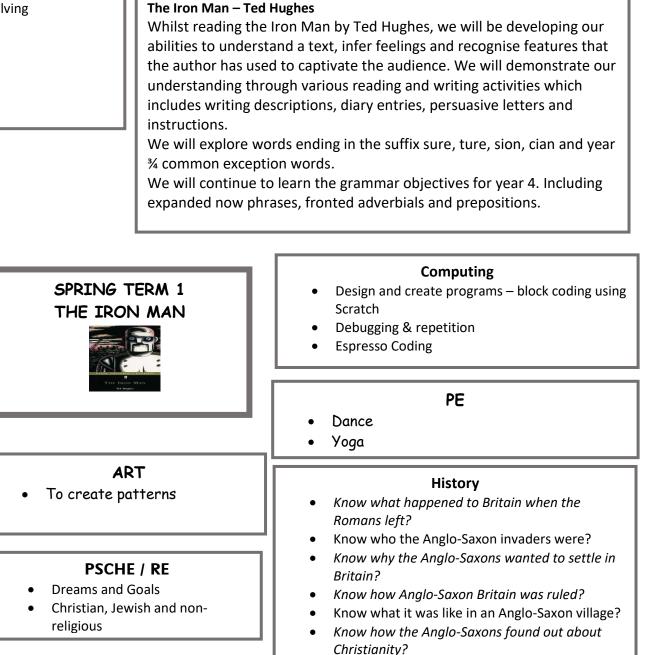
Maths

- Multiplying and dividing by 10 and 100
- Informal written methods
- Multiplying 2 and 3 digits by 1 digit
- Finding area of a shape

## Science

## Electricity

- Identify common appliances that run on electricity.
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.
- Recognise some common conductors and insulators, and associate metals with being good conductors.
- Know that electricity can be dangerous.
- Recognise electricity sources can be mains or battery.
- Know that batteries 'push' electricity round a circuit and can make bulbs, buzzers and motors work.
- Recognise that faults in circuits can be found by methodically testing connections.
- Know that drawings, photographs and diagrams can be used to represent circuits (although standard symbols need not be introduced until upper KS2).



Know what was the mystery of Sutton Hoo?