Science
Light
- recognise that they need light in order to see things and that dark is the absence of light
- notice that light is reflected from surfaces
- recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- recognise that shadows are formed when the light from a light source is blocked by an opaque object.
- find patterns in the way that the size of shadows change.
Animals including humans
-identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
-identify that humans and some other animals have

Art
- improve mastery of art and design techniques, including drawing in the context of pencil /oil pastel and coloured pencil drawings.
-improve mastery of art and design techniques in the context of mosaic patterns.
-learn about great artists, architects and designers in history in the context of Louise Bourgeois and Jennifer Angus
-improve mastery of art and design techniques, in the context of 3D shadow puppets.
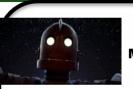
PSHE/SMSC
- promote British values
- encourage healthy lifestyles
- use Rights, respecting award to develop good citizenship

History
Learn about how and where the ancient Egyptians lived, what was important to the daily lives of ancient Egyptians, who Tutankhamun was and how

Geography
- Learn about the destructive powers of nature, from volcanoes and earthquakes to tsunamis and tornadoes.
- Learn about how and why these natural phenomena occur, and the ways in which they affect people and the environment.

Year 3/4   Class 4

Mrs K. Smith/Miss K. Leonard

Spring Term –
1. The Light Fantastic.
2. I like to move it, move it!

Computing
Computer Science
Know how computers communicate and how information can be shared
Information Technology
Learn about how computers have improved the art of animation and create their own animation using appropriate software
Digital Literacy
Promote the theme of 'Be part of the change' on safer Internet day. Know the different ways in which concerns can be reported.

Design & Technology
- develop understanding about series and parallel circuits and different types switches. -
- apply their knowledge about electric circuits in a purposeful way by designing and making a battery operated robot, controlled by a homemade switch
-decide upon the design criteria for the robot by considering who will use it, where it will be used and what for

Music (In-school tuition)
- continue to learn to play ukulele, using short and long set pieces of music
- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.

P.E.
Create a dance after building up skills and improving upon performance.
-improve skills and techniques with a racquet and ball
-play and understand the rules of mini

MFL - French
- talk about themselves and say how they feel
- learn to say numbers in French and their age.
-sing songs in French