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

History
- Understand what was important to people during ancient Egyptian times.
- Compare the powers of different Egyptian gods.
- Find Egypt on a map.
- Raise questions when confronted with an artefact in order to understand more about this ancient civilisation and select information that is useful in understanding the use of hieroglyphs as a form of communication and recording.

PSHE/SMSC
- promote British values
- encourage healthy lifestyles
- use Rights, respecting award to develop good citizenship

P.E.
- perform dances using a range of movement patterns.
- play competitive games, modified where appropriate (tennis) and apply basic principles.

- Name the layers that make up the Earth
- Name the key parts of a volcano and show where most volcanoes are found.
- Explain how to keep safe during an earthquake.
Describe a tsunami and the damage caused.
Explain how tornadoes form.
Describe how scientists collect data about storms.

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
Understand computer networks, including the internet; how they can provide multiple services
Information Technology
Select, use and combine a variety of software and use a range of digital devices.
Digital Literacy
Use technology safely, respectfully and responsibly; Recognise acceptable/unacceptable behaviour

Design & Technology
- generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
- select from and use a wider range of tools and equipment to perform practical tasks accurately
- understand and use electrical systems in their products

- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials
- to create sketch books to record their observations and use them to review and revisit ideas

Music (In-school tuition)
- improvise and compose music for a range of purposes using the inter-related dimensions of music
- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

MFL - French
- listen attentively to spoken language and show understanding by joining in and responding
- speak in sentences, using familiar vocabulary and basic language structures
- describe people, places, things and actions