SCIENCE
LIGHT
Pupils should be taught to:
- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Work Scientifically
- What happens to the size of a shadow when you move the object nearer the light?
- How can we see round corners? – link to periscopes
- Which materials are the best for reflecting light?
- What colour of writing can be seen best in the dark?
- How many reflections can you create using mirrors?
- Which light makes the best shadows?

Decide
Where to place rear-view mirrors on cars.
Design and make
A periscope and using the idea that light appears to travel in straight lines to explain how it works.
Investigate
The relationship between light sources, objects and shadows by using shadow puppets.
Observe
To extend their experience of light
- a range of phenomena including rainbows, colours on soap bubbles, objects looking bent in water and coloured filters (they do not need to explain why these phenomena occur).

Other teaching ideas
- Read Periscope by Michael Rosen
- Then create a periscope and explain how it works.
- Find your blind spot
- Create a pin hole camera

PHYSICAL EDUCATION
Gymnastics
- Compose and perform creative and imaginative dance sequences with a clear stimulus, performing expressively and precisely
- Create complex, demanding and well executed sequences containing a variety of gymnastic components

COMPUTING
Quizzing
- To make a picture quiz for young children.
- To learn how to use the question types within 2Quiz.
- To explore the grammar quizzes.
- To make a quiz that requires the player to search a database.
- Are you smarter than a 10- (or 11-) year-old? To make a quiz to test your teachers or parents.

E-safety Sessions Objective.
• Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.

• Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

YEAR 6
SUMMER 2

ARTS
Drama/Music/Dance – KS2 Production

- Explore action and language to create a mood for the audience.
- Work with others to create drama.
- Research a role.
- Explore characters feelings and reactions in different situations.
- Use dramatic techniques to convey meaning.
- Use voice and movement to convey character.
- Use accent or dialect when appropriate.
- Evaluate how action and voice work together to create drama.

HUMANITIES
Distribution of Natural Resources (Human)

What are/were Britain's natural resources?
What is the difference between a renewable and non-renewable resource?
Decision making exercise, a country needs developing:
How would you develop this country?
What is the best decision?
Why?

Using artefacts, maps, visitor and source material.

FRENCH
Jobs
This unit is all about jobs.
It includes a song about wanting to be an astronaut and a conversation structure which pupils can use to say what they would like to do as a job.
Pupils will also learn how to say a selection of jobs titles and workplaces.
The unit includes a lesson about what can be seen from a space station as well as a lesson which introduces vocabulary associated with a fire station.
The final lesson of the unit contains a story about a firefighter called Paul.
By the end of this unit children should be able to:
- Recall, say and write most of the unit's job titles with their correct articles.
- Identify the future tense with little help.
- Write a short, descriptive passage from memory, using some irregular verbs in the third person with little help.
- Change regular singular nouns into their plural forms with little help.