

## Science

### Materials

Children will distinguish between an object and the material from which it is made. They will identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. They will describe the simple physical properties of a variety of everyday materials. They will compare and group together a variety of everyday materials on the basis of their simple physical properties.

**Working scientifically**  
Children will identify and classify materials. They will observe closely, using simple equipment. They will use their observations and ideas to suggest answers to questions. They will gather and record data to help in answering questions.

### Design and Technology

Children will design purposeful, functional, appealing products for themselves and other users based on design criteria. They will generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and where appropriate, information and communication technology.

**Make**  
They will select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. They will select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.

### Evaluate

They will explore and evaluate a range of existing products.

They will evaluate their ideas and products against design criteria.

### Technical knowledge

They will build structures, exploring how they can be made stronger, stiffer and more stable. They will explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

### Structure - Making a castle

## SUMMER 2 - 2017 Year 1



### English

#### Poetry – Take One Poet

Children will focus on the work of the poet Sara Coleridge. They will create a poem using their ideas.

#### Traditional Tales- Fairy Tales

They will write a retelling of the Three Little Pigs.

#### Explanations

They will draw pictures to illustrate a simple process and prepare several sentences to support the explanation.

#### Vocabulary, Spelling and Punctuation

They will know regular plural noun suffixes –s or –es .

They will know suffixes that can be added to verbs where no change is needed in the spelling of root words.

They will use capital letters, full stops, question marks and exclamation marks to demarcate sentences.

They will use joining words and joining clauses using *and*.

#### Phonics

They will revise and learn new split diagraphs and alternate pronunciations of sounds already learned.

### History – Windsor Castle

Children will learn about significant historical events, people and places in their own locality.

They will learn about changes within living memory to reveal aspects of change in national life.

They will learn events beyond living memory that are significant nationally or globally commemorated through festivals or anniversaries.

They will learn about the lives of significant individuals in the past who have contributed to national and international achievements.

They will know significant historical events, people and places in their own locality.

## PSHE & Citizenship Keeping Safe

(To include healthy schools week)

Children will know and be able to talk about their name and where they live. They will be able to identify some safe places- e.g. Places to play. They will know about people in their community who help them. They will be able to describe the risks involved in a variety of situations (fire, water, sun, road etc). They will know the basic rules for keeping safe in a variety of situations. They will have developed knowledge and skills to enable them to cope when they are lost. They will know whom and how to ask for help. They will know when to keep a secret and when to tell. They will be able to say 'no', when appropriate.

### Maths

Children will measure and begin to record capacity, length, width, height and weight. They will solve problems involving measures such as capacity, length and weight. They will count in multiples of twos, fives and tens. They will establish strategies for sharing and grouping concrete objects and number. They will know the position of each number on a number line. They will use positional and directional language.

## Religious Education Holy books

Children will use a book which is special to them. They will write about why this is and how they should treat it. They will understand why the Qur'an is special to Muslims and hear a special Muslim story. They will design a poster on how to look after property around the school. They will learn about the New and Old Testament and retell a story about Moses. They will understand why the Torah is special for Jews.

## Physical Education

### Music

Children will play another do, re, mi song with some fluency. Children will sing a more complex round. Children will play a rhythmic listening game. Children will perform a dance from a different culture. Children will explore sound effects using chime bars. Children will attend a live musical performance.

### Computing

#### Understand what algorithms are. Children will understand;

How they are implemented as programs on digital devices. Create and debug simple programs. Programs execute by following precise and unambiguous instructions. Use logical reasoning to predict the behaviour of simple programs.

### Bringing Learning to Life

#### History – Windsor Castle

Children will visit Windsor Castle and have first-hand experience of the features of a castle. They will learn in greater detail about the jobs and daily life of the people who lived in a castle. They will learn about who lives there today.

#### Science Day

Children will complete an investigation about materials using the skills learnt in Science lessons and work scientifically.

#### Curiosity Corner

They will explore and feel different types of materials and magnets. There will be a display of key words to match with materials. They will ask and answer questions about materials.