# Primary Curriculum: Spring Term 1 2019

**In primary phase we are excited about our imaginative learning projects for this half term.**

**Our Cornerstones Curriculum projects are…**

| **Caterpillar Class**  **and** **Mole Class**  | **Moon Zoom**  The countdown has begun. Are you ready for blast off? This half term, we'll travel through space to learn about the Solar System. We'll investigate an alien crash site, write an incident report and try to find the aliens who have landed. Where could they be? We'll make models of the Solar System and design spaceships, space buggies and space-related toys. Books and photographs will help us to learn about the astronauts who venture into space. Floor robots will be programmed to move around an alien landscape, and we will compose space sounds and dances. We'll also explore satellite images, investigate rockets and use ICT to communicate our ideas and present our work. |
|---|---|
| **English** | Posters, character profiles, non-chronological reports, adverts, science-fiction stories |
| **Science** | The Solar System, properties of everyday materials |
| **Art & Design** | Models of the Solar System |
| **DT** | Design and make space-themed vehicles |
| **Geography** | Satellite images |
| **History** | Astronauts |
| **Mathematics** | Position and direction |
| **PE** | Dance |
| **PSHE** | Aspirations and goal setting |
| **Music** | Space sounds, space-themed songs |
| **Computing** | Drawing software, algorithms, email, presentations |

| **Butterfly Class**  | **Towers, Tunnels, & Turrets**   Climbing the battlements or tunnelling in the ground, there's a whole world of adventure and fun to be found! This term, we will visit a real castle to explore the towers, battlements and maybe a secret tunnel or two! We'll learn all about the different parts of a castle and describe how they have changed over time. Using a wide range of materials, we'll build models of castles and test the strength of our structures. We'll learn the stories of Rapunzel, The Three Little Pigs and The Three Billy Goats Gruff and create models inspired by them. Maps and photographs will help us learn about the tallest buildings and the longest tunnels in the world and improve our PE skills by playing attacking and defending games. |
|---|---|
| **English** | Recounts, reported speech, stories, letters, posters |
| **Science** | Living things and their habitats, use of everyday materials |
| **Art & Design** | Sculpture using natural materials |
| **Computing** | Create castles using drawing software |
| **D & T** | Making models of towers, bridges and tunnels |
| **Mathematics** | Measures (height) |
| **Geography** | Amazing structures around the world, towers and bridges in the local area |
| **History** | Castles and castle life |
| **PE** | Defending and attacking games, balance and co-ordination |
| **Music** | Composing, recording and editing software, atmospheric music, graphic scores |
| **PSHE** | Dilemmas |

| Mouse Class  and Dragonfly Class  | **Predator**  It's time to take a walk on the wild side! This half term, we'll invite some amazing animals into our classroom to discover how they move, what they feel like and what they eat. We'll also program a toy to move across a grid – will it be caught by a predator? We'll learn about the different parts of a plant and how some plants are predators! From our investigations about the human skeleton, we'll find out how muscle make the bones move. We'll investigate food chains and learn about how animals find their food. Using the internet, we'll research the majestic peregrine falcon and discover where crocodiles live. After our research, we'll create an exciting aquatic animation. |
|---|---|
| **English** | Recounts, leaflets, poetry, stories, speeches |
| **Science** | Food chains, fossils, plants, skeletal systems |
| **Art & Design** | 3-D models |
| **Computing** | Algorithms, flow diagrams, research, logical reasoning, graphics software, presentations |
| **D & T** | Selecting and using materials |
| **Geography** | Fieldwork, using maps |
| **Mathematics** | Data handling |
| **PE** | Competitive games |
| **PSHE** | Resolving differences |

| Rabbit Class  | **The Scented Garden**  Let's tiptoe through the tulips together and discover the sights, sounds and smells of the garden. This half term, we'll find out how to look after plants, ask the experts questions and appreciate the flowers. We'll write an information book about plants, follow instructions, enjoy the story of Jack and the Beanstalk and write stories of our own. Discovering our green fingers will be fun when we plant and tend a pizza garden of herbs. We'll also learn about the different parts of a plant and create our own 'planting and growing' action rhyme. Our senses will help us describe and sort a range of smells and we'll make beautifully scented products. We'll look closely at a wide variety of plants, create detailed, observational drawings and press real flowers to use in collages. |
|---|---|
| **English** | Recounts, non-chronological reports, instructions, stories, information books |
| **Science** | Plants |
| **Art & Design** | Observational drawing, sculpture, flower-pressing |
| **D & T** | Making fragrant products |
| **Mathematics** | Measurement |
| **Computing** | Presenting information |
| **Music** | Action rhymes |
| **Geography** | Plants in the local environment, plants of the world |
| **PE** | Dance |
| **Science** | Sound |

| **Hawk Class**  | **Stargazers!**  Journey through space – the final frontier! Let's take a trip to the stars, planets and suns and discover the amazing wonders of the night sky. During this half term, we'll read information texts to find out about the Solar System and the Sun, using mnemonics to help us remember the facts. We'll make a Solar System and investigate the cycle of day into night. We'll learn about Galileo, the 'father' of modern astronomy and his famous astronomical discoveries. Taking on the roles of the planets, we'll use movement to demonstrate the motions of the planets and moons. We'll investigate lunar myths and write astronaut poetry. Then we'll make a space shuttle or satellite, testing the materials for durability, and we'll program toys to explore a lunar landscape. At the end of the project, we'll look at alien-themed comics, invent our own aliens and consider the big question: why is there life on Earth? |
|---|---|
| **English** | Mnemonics, myths and legends, free verse poetry, newspaper reports, science-fiction, graphic narrative |
| **Science** | Earth and space, forces |
| **History** | Ancient Egypt |
| **Art & Design** | Printing, design |
| **Computing** | Programming, stop-motion animation |
| **D & T** | Selecting materials, design research, structures, evaluation |
| **Geography** | Locating physical feature |
| **History** | Significant individuals – Galileo Galilei and Sir Isaac Newton |
| **Maths** | Problem solving using measures |
| **Music** | Space-inspired music and lyrics |
| **PE** | Dance |