

Science:

Design and create a rocket which will travel as far as possible. Test rockets along with Primary 4/5. Explore buoyancy and design a lifeboat which holds a specific weight.

Make a range of aeroplanes and test. Discuss findings. Use a range of materials to make a parachute and test. Investigate magnetic, electrostatic and gravitational forces.

Technologies:

Investigate different materials and explain which ones would be best for a given task.

Draw (manually and electronically) various methods of flight, using shadow and texture. Draw geometric shapes accurately

Use design skills to solve problems and construct models.

Explore different energy types.

Health and Wellbeing:

Explore and discuss the learning pit. Create an individual and a class pit.

Foster a learning environment that is supportive when people make mistakes.

Suggest how I could manage my emotions in different situations.

French

Revise numbers to 30, months, days of the week, weather, body parts and greetings.

Begin to build in conversation with above topics.

Introduce family, pets and food.

Maths:

Explore a range of 3D objects and 2D shapes and investigate why particular shapes are used in the environment.

Look at symmetry in different aircraft and other shapes. Create own symmetrical pictures and patterns.

Explore co-ordinate systems used when flying and at sea. Locate a range of points on various grids.

Describe, follow and record directions, routes and journeys.

Literacy:

Research how flight has changed over time. Think about scientific and technological developments.

Write a voice over for a movie trailer about flight. Record and present to the class.

News reports about a new species of bird.

Reports about science experiments.

Various comprehension activities about flying.

Follow step by step instructions to create models or carry out experiments. Write own instructions.

Participate in a range of VCOP activities. Watch a range of clips about flight/gravity/friction/air resistance, take notes and use for holistic assessment.

Discuss growth mind-set quotes, and work with my group/partner to create a new growth mind-set quote of our own.

Create a poster encouraging others to keep trying and to never give up. Invent own superhero and create a character description

Up Up and Away/Growth Mindset

Learning Outcomes:
Pupils will be able to...

Visiting teachers

Art: Tonal spheres. One-point perspective drawing. Beach wood and sea glass sculpture. Cube painting. Enterprise Art Project.

Music: Instruments of the orchestra. 4 groups/families of instruments and how their sound is made.

P.E: The class will experience an invasion game in the form of Handball. They will learn and develop the skills, knowledge and strategies required to play handball effectively. Through these drills and games we will also work on problem solving, communication and individual decision making. The class will also have the opportunity to experience refereeing and coaching scenarios.

Expressive Arts:

Watch 'The Dot' story and discuss. Work in groups to create a short piece of drama which highlights growth mind set and having a positive attitude.

Create a simple plan during design challenges.

Find solutions to design problems. Self and peer evaluate work.

RME:

Research world religions and identify similarities and differences.

Describe traditions of one world religion.