

Useful Websites

Resources and information available at
<http://www.wassilykandinsky.net/>

Science: The children will look at working in a scientific way by asking simple questions and recognising that they can be answered in different ways. They will be encouraged to observe closely; using simple equipment and perform simple tests. They will investigate Pushes and Pulls in sand and water. By investigating materials, the children will consider which materials make the best wheels and which materials are waterproof. They will try different ways of testing the vehicles.

Humanities: Pupils will begin to build chronological awareness through reference to timelines'.

Through enquiries, children will make sense of their own experiences and personal geographies and extend their awareness, knowledge and understanding of the wider world – what places are like, why they are like they are and how they are changing.

They will look at;

- Henry Ford
- Changing designs of cars and vehicles
- Traffic in the locality
- Roads in the area

DESIGN TECHNOLOGY:

This term the children will be provided with simple activities/opportunities to become familiar with the tools and skills they will be using in making a vehicle e.g. cutting, sawing, glue guns, staplers, hole punches etc..

They will be...

- Exploring wheels and axles
- Preparing and presenting design work for vehicles

MATHS: Links for Mathematical Development

The children will solve and set each other simple problems using cars. They will be carrying out simple surveys of traffic outside the school or in a nearby safe locality. They will be able to give directions to another child to 'drive' round a play road map. There will be many opportunities for practical measuring in the making of the vehicles.

- Measure
- Data handling – traffic survey
- Data handling – science investigation
- Sorting numerical problems

Years 1 and 2 Spring Term

Overview :What is the Best Way for Mrs Armitage to Travel?

Subject Focus: Design & Technology, Science

Focus Core Skill: – Improving Own Learning and Performance

Link to Core Values

Everyone has different strengths. Some people can run fast, others are good speakers or writers; some are good at making things. This unit focuses on understanding and respecting each other and our differences.

- Respect – our different strengths
- Courage – when things go wrong
- Wisdom – designing & making real vehicles
- Responsibility – responsible behaviour on our roads

Key Learning Outcome:

Possible Starting Points; Class challenge- Mrs Armitage needs a new way to travel

Possible Outcomes; Provide simple activities/opportunities for children to become familiar with the tools and skills they will be using in making their vehicles e.g. cutting, sawing, glue guns, staplers, hole punches etc..

Using our locality

Road Safety/Ways of travelling/ Traffic Surveys

PE:

- Master basic movements including running, jumping, throwing and catching, as well developing balance, agility and coordination, and begin to apply these in a range of activities
- Perform dances using simple movement patterns (link to Music)

ART:

The children will look at how vehicles are illustrated in different children's stories. Take on observational drawing from the previous activities and draw it again in the style of an illustrator. They will explore.....

Observational drawing

Illustrations of vehicles

The work of Quentin Blake

Bike wheel weaving

Design a vehicle

Design a poster

Design something to keep Mrs Armitage dry

Make a model for Mrs Armitage

Kandinsky - circles

MUSIC: The children will combine Music and Dance to...

- Compose a tune for Mrs Armitage's horn
- Look at rhythm and pattern
- Find songs about travelling in wheeled vehicles
- Find songs about our 'Wonderful World'.

PSHE: The intention is to understand the rules and ways of keeping safe, including basic road safety and how people can help them stay safe. They will think about people and other living things

RELIGIOUS EDUCATION:

In this unit the children will learn to retell the story of creation in a simple way from Genesis 1:1–2.3.

They will be able to recognise that 'Creation' is the beginning of the 'big story' of the Bible. The children will learn what the story tells Christians about God, the Creation and the world.

They will be able to give at least one example of what Christians do to say thank you to God for the Creation. The children will think, talk and ask questions about living in an amazing world.

Literacy:

The work will be based on the poetry book 'The Train Ride' by June Crebbin, 'Your Local Area: Transport' by Ruth Thomson and 'Mrs Armitage's Bicycle', by Quentin Blake.

The children will write a patterned journey story with different sights; sequencing the events in a clear order. The journey will have a clear beginning, middle and end to their story.

Some children will focus on writing descriptive phrases with a noun followed by verb information eg' A giant balloon sailing by, mare and foal standing still'. They will look at developing sentence structures and develop grammar skills, including adjectives, adverbs etc.

COMPUTING:

The children will be using programmable toys such as Roamer and Beebots

They will have the opportunity to use devices to design/photograph their vehicle

Using a data base

Programmable moving devices

Designing vehicles