

Key Concepts/Experiences

- To know about changes in living memory (e.g. history and development of the motor industry.
- Maths– collecting / handling data on transport. Using bar graphs, pictograms. Measure- Speed, distance and time,
- Travel survey- how we travel to school.
- Science– pollution and effects on the environment, force and friction, float and sink
- Geography– Continents/ oceans of the world. Map of where classes have visited abroad. Map of UK and where families have been on holiday/visited. Knowledge of local area and how to get around
- Science– boat design. Design your own boat. Explore different materials and test for buoyancy/ water resistance etc.
- Technology– Design a moving toy. Storing energy/ kinetic energy. Power a moving toy using elastic band for propulsion.
- History of flight and the invention of the aeroplane
- PSHE road safety, using crossing, rules for pedestrians and road users (road signs)
- Post cards and pen pals, passports
- Food from around the world

Wow Event/Trip

Quainton Railway museum

Milton Keynes Transport museum-From a sedan chair to Clive Sinclair's futuristic C5, from a precarious Penny Farthing to a comfortable canal boat, the story of transport is told in this museum.

Transport theme day

Key Vocabulary

For formal learners we would expect this language to be understood and used by the children themselves

Kilometre

Meter

Mph

Friction

Speed

Distance

Green energy

Solar

electric

Turbine

Energy sources

pollution

Power

Continents

Oceans

Country

Propulsion

Engine

Exhaust

Fuel

Floating/sinking

upthrust

Combustion

Steam engine

Air balloon

Aeroplane

helicopter

Key Stories

The Naughty Bus—Jan Oke

Mrs Armitage on Wheels—Quintin Blake

All aboard for the Bobo Road—Stephen Davis

Hidden Figures—Margot Lee Shetterly

Euro Star Project

Amelia Earhart—Maria Isabel Sanchez Vegara

The Story of the Windrush—K N Chimbiri

(Formal)- Travel and Transport

Learning Intentions will be taken from our subject frameworks and be individualised to the needs of the pupil.

Homework (how to help at home):

Find out about who invented: The sedan chair, The wheel, The bicycle, the steam engine, combustion engine, aeroplane (Wright brothers)

Plot your route to school using a local map.

Instructions– Learn how to mend a bicycle puncture and write instructions.

Future of transport– Investigate the future of transport. E.g find out about electric cars, planes etc.

Research different countries

Create own method of transport

Wash the car

Focus Physical Skill:

- P.E. Gymnastics– methods of travel. Dance moving expressively to music.
- Multi skills– balance, moving along a beam
- Driving school/ traffic lights warm up games
- Cultural dancing from around the world

Key Value:
Trust

Key Concepts/Experiences

- Imaginative play - occupations e.g bus driver, sailor, train driver, pilot.
- Prepositions
- Small world play with sensory elements
- Creativity e.g. making boats and testing, Making track marks—Jackson Pollock to paint vehicle shapes
- Transitioning around the school and between sessions
- Concepts such as contrasting environments e.g. Land vs sea
- Sorting—vehicles, clothes, materials
- Time—morning vs night
- Dressing skills (appropriate dressing)
- Music—Carnivals around the world e.g. Rio
- Food from around the world
- Movement—forwards, backwards, fast, slow
- Exploring photos of themselves/others in different places
- Cause and effect transport toys
- Ready steady go transport games (fast and slow)
- Transport songs, rhymes and sounds (Phase 1 phonics)
- Construction activities (junk modelling)

Wow Event/Trip

Train ride
Bus ride
Local walk
Quinton railway—Thomas/Pepa pig

Key Vocabulary

For semi-formal learners we would expect this language to be modelled by adults and children begin to demonstrate understanding of

it's meaning.

- go, stop, fast, slow, in, out, crash
- Vehicle names
- Clothing vocab
- Name places
- Prepositions
- Distance—non standard units

Key Stories

Oh places you'll go - Dr Zeus
Mr Gumpy's Outing - John Burningham
Oi get off our Trains - John Burningham
Paddington Bear—Michael Bond
The Way back home— Oliver Jeffers
Mrs Armitage on Wheels—Quentin Blake
The Naughty Bus—Jan Oke

(Semi-formal)- Travel and Transport

Learning Intentions will be taken from our subject frameworks and be individualised to the needs of the pupil.

Homework (how to help at home):

Barnaby bear
Train ride
Bus ride
Airport — plane watching
Wash the car together
Try food from around the world
Dance to cultural music
Walk around the local area
Learn to ride a bike

Focus Physical Skill:

Gymnastics—methods of travel e.g. Balance, crawl, run, hop, skip, jump, roll, army crawl, tiptoe
Sports from around the world—football, basket ball, tennis, cricket, formula 1, hockey, volleyball,
Cultural dancing from around the world

Key Value:
Trust

Key Concepts/Experiences

- Music—Wheels on the bus, runaway train. Copying and repeating actions.
- Go & stop, fast & slow, in & out
- Small world play with sensory trays
- Mark making with vehicles
- Transitions
- Cause and effect transport toys
- Ready steady go transport games (fast and slow)
- Action word— walk, jump, run,
- Sensory circuits
- Method of movement—bucket, scooter-board, push, pull, roll, run, skip, jump, hop
- To and fro games—pushing vehicles to and fro, row the boat actions
- Exploring travel sound—horn, bell, engine, car, truck, boat, plane
- Role play for an adventure (airport/bus ride)

Key Vocabulary

**For pre-formal learners
we would expect this
language to be modelled
by adults but not used by
all pupils**

- Car
- Train
- Bus
- Plane
- colours
- Fast/slow
- Go/stop
- Big/small

Key Stories

Choo-choo, clickety-clack by Margaret Mayo & Alex Ayliffe

Amazing aeroplanes—Tony Mitton

Tough trucks— Tony Mitton

Terrific trains –Tony Mitten

Duck in the truck by Jez Alborough

The Train ride, - June Crebbin

That’s not my tractor—Fiona Watt

(Pre-formal)- Travel and Transport

Learning Intentions will be taken from our subject frameworks and be individualised to the needs of the pupil.

Focus Physical Skill:

Gymnastics—methods of travel e.g. Balance, crawl, run, hop, skip, jump, roll, army crawl, tiptoe

Sports from around the world—football, basket ball, tennis, cricket, formula 1, hockey, volleyball,

Cultural dancing from around the world

Wow Event/Trip

Train ride

Bus ride

Local work

Quinton Thomas/ peppa pig

Homework (how to help at home):

Local walk

Bus rides

Staying safe in the community

Local walk

Washing the car

Car journey

Key Value:
Trust