

Travel and Transport : Cross-Curricular Topic : Year 1/2

History

1	Identify modern forms of transport and investigate what people used before cars, trains and planes.
2	Find out when trains were invented and what early trains were like.
3	Explore when cars were invented and how they have changed over time.
4	Discover when planes were invented and the impact this invention had on travel.
5	Find out about space travel by exploring the Apollo 11 mission to the moon.

- KS1 - changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life
- KS1 - events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the first aeroplane flight or events commemorated through festivals or anniversaries]
- KS1 - the lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods

RE

1	Read the story of the Israelites in Egypt, the ten plagues and the Israelites' journey as they left Egypt.
2	Read the story of Moses parting the Red Sea.
3	Find out about all the things God provided the Israelites as they wandered the desert.

Travel and Transport

A KS1 cross-curricular topic for Year 1/2

Science

1	Identify materials that can be spotted on a journey around school.
2	Explore different holiday items and describe the materials each one is made from.
3	Think about how materials are used for different purposes and how they are used in different vehicles.
4	Carry out an investigation into materials that float and sink to make a boat.

- Year 1 - asking simple questions and recognising that they can be answered in different ways
- Year 1 - observing closely, using simple equipment
- Year 1 - performing simple tests
- Year 1 - identifying and classifying
- Year 1 - using their observations and ideas to suggest answers to questions
- Year 1 - distinguish between an object and the material from which it is made
- Year 1 - identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- Year 1 - describe the simple physical properties of a variety of everyday materials
- Year 1 - compare and group together a variety of everyday materials on the basis of their simple physical properties
- Year 2 - identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses

Art

1	Explore boats in art by looking at paintings by various artists.
2	Explore hot air balloons and the colours and patterns they have before making a papier mâché hot air balloon.
3	Think about how life can be expressed as a journey and create artwork to portray individual life journeys.

- KS1 - to use a range of materials creatively to design and make products
- KS1 - to use drawing to develop and share their ideas, experiences and imagination
- KS1 - to use painting to develop and share their ideas, experiences and imagination
- KS1 - to use sculpture to develop and share their ideas, experiences and imagination

Geography

1	Think about different ways people travel to school.
2	Explore the points of a compass and use these to navigate around a map.
3	Identify continents around the world and using a compass to navigate.

- KS1 - name and locate the world's seven continents and five oceans.
- KS1 - use basic geographical vocabulary to refer to key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop
- KS1 - use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map
- KS1 - use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key
- KS1 - use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment

Travel and Transport

Teacher's Topic Planner

Maths

RE
3 Lessons

Art
3 Lessons

English

History
5 Lessons

PlanBee 

Geography
3 Lessons

PlanBee 

RE

Science
4 Lessons

PlanBee 

DT

PSHE

Music

Travel and Transport : Cross-Curricular Topic : Year 1/2

Teacher's notes:

Geography

Science

Art

RE

History



Travel and Transport : Cross-Curricular Topic : Year 1/2

HISTORY				
	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To compare modes of transport now and in the past.	Children think about the modes of transport that are used today and compare these to the modes of transport of the past. They are challenged to think back to before planes, cars and trains and how people may have travelled. They have the opportunity to think about how this may have affected people's lives.	<ul style="list-style-type: none"> Do children know that the modes of transport we have today have not always been available? Can children identify modes of transport today and in the past? Can children make suggestions about how journeys were different today and in the past? 	<ul style="list-style-type: none"> Slides Worksheets 1A/1B/1C/1D Picture Cards (FSD? activity only)
Lesson 2	To find out about the invention of trains and how this affected travel.	Children will learn about the invention of the first locomotive and what they were used for. They discuss the differences that trains and railways made to people's lives, the towns they lived in and the kind of holidays they might take.	<ul style="list-style-type: none"> Do children know when trains were first used? Can children describe how the invention of trains changed life in Britain? Can children describe similarities and differences between trains now and in the past? 	<ul style="list-style-type: none"> Slides Worksheets 2A/2B/2C/2D Sentence Cards Picture Cards Word Cards (FSD? activity only)
Lesson 3	To find out about the invention of motor cars.	Children discover the process that led up to the invention of motor cars and the people who used them. They will think about the reasons people owned cars and how the invention changed people's lives. They also compare the ways cars have changed from the early 1900s to more modern cars.	<ul style="list-style-type: none"> Do children know that before cars were invented people travelled by horse and carriage? Can children describe what early cars were like and how they are different from cars today? Can children discuss the impact of cars on our lives? 	<ul style="list-style-type: none"> Slides Worksheets 3A/3B/3C/3D Picture Cards (FSD? activity only) Picture Sheet (FSD? activity only)
Lesson 4	To find out about the first aeroplane flights.	Children are introduced to the Wright brothers and their fascination with flying. They will learn about their inventions and how this led to many different uses for planes including the World Wars and passenger flights.	<ul style="list-style-type: none"> Do children know that people had tried to invent flying machines for hundreds of years before the first aeroplane flight? Do children know who the Wright brothers are? Can children suggest how different people would have felt about the first aeroplane flights? 	<ul style="list-style-type: none"> Slides Worksheets 4A/4B/4C/4D
Lesson 5	To find out about the first landing on the moon.	Children investigate the journey that it took to get a man walking on the moon. They are introduced to the three astronauts who took part in the Apollo 11 space mission and think about how people would have reacted at the time.	<ul style="list-style-type: none"> Do children know that space travel is a relatively recent event? Can children retell the story of the first landing on the moon? Can children express ideas about how the people who witnessed this might have felt? 	<ul style="list-style-type: none"> Slides Worksheet 5A Sentence Cards Information Sheet Challenge Cards (FSD? activity only) Cameras (FSD? activity only)

Travel and Transport : Cross-Curricular Topic : Year 1/2

SCIENCE				
	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To investigate different materials and their properties.	Children will begin by identifying different materials and what sort of objects are made from different materials. They will learn about how each material is made or what it is made from and are then challenged to find objects made from specified materials from around the classroom. They then take a journey around the school in search of other objects made from different materials.	<ul style="list-style-type: none"> Do children know that objects are made from a variety of different materials? Can children name and identify a variety of materials? Can children distinguish between a material and an object made from that material? 	<ul style="list-style-type: none"> Slides Worksheets 1A/1B/1C Challenge Sheets (FSD? activity only)
Lesson 2	To be able to describe and classify different materials.	Children are asked to think about the objects in a suitcase and what they might be made from. They are then challenged to describe the different objects using adjectives to describe some of the materials' properties.	<ul style="list-style-type: none"> Can children identify a variety of materials? Can children describe materials? Can children sort materials according to their properties? 	<ul style="list-style-type: none"> Slides Worksheets 2A/2B Word Cards Variety of objects you might take on a journey Picture Cards (FSD? activity only) Question Cards (FSD? activity only)
Lesson 3	To explore the different materials used in vehicles.	Children will investigate the use of different materials in the context of vehicles. They will look at several vehicles and think about what the different parts are made from. They are then challenged to reflect on why each material was chosen to make each part, using the adjectives they thought about in previous lessons.	<ul style="list-style-type: none"> Can children identify a variety of different materials? Can children identify the different materials on a variety of vehicles? Can children suggest why certain materials have been used for certain parts of a vehicle? 	<ul style="list-style-type: none"> Slides Worksheets 3A/3B Picture Cards Question Cards
Lesson 4	To explore materials that would be suitable for a boat.	Children are challenged to think about materials floating and sinking in response to being asked which material is best to make a boat from. They will think of an enquiry question and make simple predictions about the materials they are testing. They can then carry out the tests to find which materials float and sink.	<ul style="list-style-type: none"> Do children know that some materials float and some do not? Can children test whether a material floats or sinks? Can children predict whether a material will float or sink? 	<ul style="list-style-type: none"> Slides Worksheets 4A/4B/4C Variety of materials to test, e.g. wooden lolly sticks, corks, sponge, coins, metal paperclips, teaspoons, plastic spoons, stones, rubbers, etc. Basins with water

Travel and Transport : Cross-Curricular Topic : Year 1/2

ART				
	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To explore boats in art.	Children will look at and analyse a range of paintings which have boats as their subject. They will think about the colours that have been used and how the painting makes them feel as they look at it. They are then challenged to use mixed media to create a piece of artwork with a boat as the subject. Alternatively the children can follow simple instructions to make an origami boat.	<ul style="list-style-type: none"> • Can children comment on works of art and say what they think and feel about them? • Can children use a variety of media to create a piece of artwork relating to boats? • Can children create a story relating to their artwork? 	<ul style="list-style-type: none"> • Slides • Boat Templates • Worksheet 1A • A4 card/paper • Paint and painting equipment • Plastic forks or similar • Variety of patterned paper (e.g. wrapping paper) • Help Sheet (FSD? activity only) • Tissue paper, glitter, sequins, etc. (FSD? activity only)
Lesson 2	To create a papier mâché hot air balloon.	Children investigate hot air balloons and how they work. They look at different designs of hot air balloons and comment on the different patterns and colours that have been used to decorate them. They use these ideas to inspire their own design when making a hot air balloon from papier mâché.	<ul style="list-style-type: none"> • Can children comment on the colours and patterns used on hot air balloons? • Can children follow instructions to create a papier mâché hot air balloon? • Can children make choices about the colours and patterns they will use to decorate their hot air balloons? 	<ul style="list-style-type: none"> • Slides • Worksheets 2A/2B • Help Sheet • Newspaper • PVA glue and water mixture • Balloons
Lesson 3	To be able to use artwork to express a personal journey.	This lesson challenges children to think about different kinds of journeys and how some people describe life as a journey. They use this idea to inspire artwork depicting different things that have happened throughout their lives and possibly looking ahead at where their journey might take them in the future.	<ul style="list-style-type: none"> • Do children understand the concept of a metaphorical journey through life? • Can children describe their life journeys through art? • Can children choose colours and images that reflect their own personalities? 	<ul style="list-style-type: none"> • Slides • Carriage Template • Train Template • Transport Templates • Road Pieces (FSD? activity only) • Photos, paints, old magazines and other items for decoration

Travel and Transport : Cross-Curricular Topic : Year 1/2

RE				
	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To find out why the Israelites wanted to leave Egypt.	Children will listen to the story of Moses and the ten plagues of Egypt. They will be asked to reflect upon the characters in the story and recall the key events. As a class they discuss why the Israelites wanted to leave Egypt and why the pharaoh wouldn't let them go.	<ul style="list-style-type: none"> Do children know that the story of Moses and the Israelites is important to both Jews and Christians? Can children describe the events of the story? Do children know that Jews still celebrate Passover today? 	<ul style="list-style-type: none"> Slides Worksheets 1A/1B/1C/1D/1E Question Cards Sentence Cards (FSD? activity only)
Lesson 2	To find out how the Israelites escaped from Egypt and started their journey into the desert.	After recapping the story so far the children will listen to the story of Moses parting the Red Sea and demonstrating God's power. They are challenged to do some face acting for characters' feelings at different points of the story. The children are asked to reflect on what this story tells Christians, Jews and Muslims about God.	<ul style="list-style-type: none"> Do children know the story of the parting of the Red Sea? Do children know what a miracle is? Can children explain what this story tells us about God? 	<ul style="list-style-type: none"> Slides Worksheets 2A/2B/2C Help Sheet (FSD? activity only) People Templates (FSD? activity only) Blue paper (FSD? activity only) A4 card (FSD? activity only)
Lesson 3	To find out about the Israelites' journey through the desert.	This lesson finishes the story of Moses and the Israelites' journey through the desert, including the creation of the Ten Commandments. The children are challenged to think about the different ways God provided for the Israelites as they made their long journey across the desert.	<ul style="list-style-type: none"> Do children know that the Israelites wandered the desert for a long time before reaching the land God had promised them? Can children list some of the Ten Commandments? Can children describe the journey of the Israelites from slavery in Egypt to freedom in the Promised Land? 	<ul style="list-style-type: none"> Slides Worksheets 3A/3B Ten Commandments Cards Israelites' Journey Booklet Moses Maze (FSD? activity only)

Travel and Transport : Cross-Curricular Topic : Year 1/2

GEOGRAPHY				
	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To find out how people travel to school.	Children think about the different modes of transport people might use to get to school. They are challenged to conduct a survey to find out all the different ways their peers get to school. They will record their findings using tallies and pictograms.	<ul style="list-style-type: none"> • Can children name different ways of getting to school? • Can children gather data to show how people get to school? • Can children discuss the impact of different ways of getting to school on the local environment, e.g. traffic and pollution? 	<ul style="list-style-type: none"> • Slide • Worksheets 1A/1B/1C/1D • Pictogram Pieces • Chart Label Cards (FSD? activity only)
Lesson 2	To be able to navigate around a map using locational and directional language.	Children are introduced to the four main compass points in the context of giving directions around a town. They think about where different places are located in relation to each other and then use the compass direction to give directions along the different roads.	<ul style="list-style-type: none"> • Can children identify the points on a compass? • Can children use N, S, E and W to describe the location of places on a map? • Can children make decisions about which mode of transport would be most sensible to take from place to place? 	<ul style="list-style-type: none"> • Slides • Worksheet 2A • Direction Cards • Town Map • Map of local area (FSD? activity only)
Lesson 3	To be able to use directional and locational language to describe a world map.	Children use their understanding from last lesson about the compass directions and apply this to looking at a world map. The children identify the different continents and oceans and use the compass directions to navigate around the map.	<ul style="list-style-type: none"> • Can children recognise the seven continents and five oceans of the world? • Can children use the compass points to navigate around a world map? • Can children describe how near or far places on a world map are from each other? 	<ul style="list-style-type: none"> • Slides • World Map sheet • Worksheets 3A/3B • Game Board (FSD? activity only) • Direction Dice (FSD? activity only) • Score Cards (FSD? activity only) • Counters (FSD? activity only) • Number Dice (FSD? activity only)