

Half-termly planning overview Year 2 - Spring Term 1



Enquiry question: Why should we change the way we travel?

Harmony principle: The principle of Adaptation

Sustainability action: Organise a pollution-free travel event at school

Great Work: Sound of travel exhibition (soundscape & glockenspiel performance)

Partners in learning: Transport museums; active travel initiatives; Sustrans



Weekly Questions

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Why is it good to walk?	What's so special about pedal power?	How can we make cars run on clean energy?	What are the pros and cons of train travel?	Why do planes create so much pollution?	How will I change the way the way I travel to be more eco-friendly?
GEOMETRY	How have the shape of our feet changed through evolution?	How many spokes can I draw in a wheel?	What patterns can we make with tyres?	What are parallel lines and how can I draw them effectively?	How do planes remind us of birds?	What will my pollution-free travel event logo look like?
SCIENCE	What materials are different vehicles made from?	Why are different parts of a bicycle made from different materials?	How did John Boyd Dunlop change how tyres were made?	Which materials can change shape and how can I use them in DT?	What was the first aeroplane made from? Why has this changed? (make simple planes)	Which materials aren't used for making vehicles and why?
ENGLISH	What happens on my walk to school? (diary entries)	What can Amsterdam teach us about pollution-free travel? (posters)	Which forms of travel cause air pollution and which don't? (non-fiction report)	Why do the animals need to get on the train in the story 'Oi, get off our train?' (retelling a story)	How do I write a newspaper report about the Wright brothers?	What pollution-free travel event will we plan?
GPS FOCUS	How do I change a root word to the past tense?	How many different ways are there to use a capital letter?	Where do I place capital letters and full stops in my sentences?	How will I add more detail using subordinating conjunctions?	How can I show possession using an apostrophe?	How do I use commas to separate items in a list?
MATHS	How far do we walk around our playground? (estimation and measure)	How many children cycle to school? (data)	How will I solve problems involving people in cars? (multiplication)	How many cars could we get off the road by using trains more? (problem solving)	How will I find lines of symmetry on 2D airplane parts? (geometry)	How far will my plane travel across the playground? (measure)
HISTORY	How did people travel in the past? (timelines)	How have bicycles changed over time?	How have cars changed over time and what might they be like in the future?	How has train travel adapted since the first train in 1804?	Who were the Wright brothers and what was their story?	How do we know about the Wright brothers today?
DESIGN TECHNOLOGY	What do 'healthy vehicles' look like? (research low/no emission vehicles)	How will I design a healthy vehicle?	How will my healthy vehicle move? (wheels and axles)	What will I need to make my healthy vehicle?	How well does my healthy vehicle move?	How could I improve my healthy vehicle?
IT & COMPUTING	What devices can I use to record my footsteps?	How do I upload the recording onto a computer?	How can I find and download free sound effects online?	How can I make a soundscape of travel sound effects? (1)	How can I make a soundscape of travel sound effects? (2)	What will I say to accompany my soundscape?
PE	How can I travel in gymnastics on my feet? (floorwork)	How can I travel in gymnastics using other parts of my body? (floorwork)	What movements will I include in a short sequence?	How can I use balance to travel over equipment? (beam and benches)	How can I travel over a vault?	How can I use different movements to travel through an 'obstacle course'?
MUSIC	How will I find the beat in 'The wheels on the bus'?	What is rhythm and how is it different from a beat?	What is a glockenspiel and how do I play it?	How do I play 'The wheels on the bus' on the glockenspiel? (1)	How do I play 'The wheels on the bus' on the glockenspiel? (2)	How do I perform 'The wheels on the bus' on the glockenspiel?
PSHE	Which forms of travel are good for my body and mind?	How can I make decisions on how I travel?	How can my voice help others to make good decisions?	How does being with other people make me feel?	What do I think about plane travel and how will I be a responsible flyer when I grow up??	How will I change the way I travel and why?
OUTDOOR LEARNING	Walk the perimeter and length of the playground	Look at bikes in school bike rack	Compare design of cars in school car park	Winter walk	Measure how far planes made in science fly	Test healthy vehicles outside