



Geography

Equipment list

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Exploring maps

Activity 1: Pirate map bingo

- ☐ Colouring pencils or felt tips (class set).
- ☐ Counters and pots.

Activity 2: Our school from above

- ☐ A selection of colourful paper shapes.
- ☐ Glue sticks.
- ☐ Pencils.
- ☐ A large aerial photograph of the school grounds
- ☐ A basic template of the school grounds on A4 paper (one each)

Activity 3: Let's build a map

- ☐ Variety of objects to build maps (such as: wooden blocks, vehicles, people, trees, additional small world resources, wooden reels, bobbins, cardboard tubes, boxes, pebbles, sticks, leaves, fabric, bangles, curtain rings, bottle tops, foil lids)..
- ☐ Masking tape.
- ☐ Chalk.

Activity 4: Creating journey sticks

- ☐ Sticks (class set - of up to 30cm).
- ☐ String.
- ☐ Elastic bands.
- ☐ Plain paper.
- ☐ Crayons.
- ☐ A pre-prepared journey stick.

Activity 5: Investigating maps

- ☐ A selection of maps such as: A-Z street maps, town maps, ordnance survey maps, Google Maps print-outs, stylised artist interpretation maps, event or attraction maps (often found in leaflets or brochures).
- ☐ Highlighters.
- ☐ Scissors.
- ☐ A large, simple map drawing of your local area (use Link: [Google Maps](https://www.google.com/maps)).

<u>What is it like here?</u>	<u>What is it like to live in Shanghai?</u>
<ul style="list-style-type: none"> <input type="checkbox"/> Class set of atlases. <input type="checkbox"/> Enlarged colour aerial photograph of the local area including the school and grounds (use Link: Google Earth). <input type="checkbox"/> Photographs of key features in your school grounds (such as: the school building, play equipment, field, or trees.) <input type="checkbox"/> Class photograph of the children or a label with the class name on. <input type="checkbox"/> Camera. <input type="checkbox"/> Ipads/tablets. <input type="checkbox"/> A variety of maps (such as: floor plans, bus and train maps, street maps, atlases and globes for each table group). <input type="checkbox"/> Classroom objects to make messy maps (such as: cubes, bears, counters, bean bags, rulers, pencils, books, glue sticks etc.) <input type="checkbox"/> Class set of clipboards. <input type="checkbox"/> Coloured chalks. <input type="checkbox"/> Teddy bears or soft toys. <input type="checkbox"/> Large rolls of paper (If indoor in Lesson 4). <input type="checkbox"/> Sticky notes. <input type="checkbox"/> An enlarged simple map of the playground with up to six areas located (such as: the climbing frame, the bench, and the field). Use Activity: Playground map. 	<ul style="list-style-type: none"> <input type="checkbox"/> Tablets or cameras. <input type="checkbox"/> Teddy bears or soft toys. <input type="checkbox"/> Class set of clipboards. <input type="checkbox"/> Sticky notes. <input type="checkbox"/> A3 colour aerial photographs of the local area, including either the school or a local feature recognisable to the children (use Link: Google Earth). <input type="checkbox"/> Sugar paper. <input type="checkbox"/> A compass (for the teacher).
<u>What is the weather like in the UK?</u>	
<ul style="list-style-type: none"> <input type="checkbox"/> Class set of atlases. <input type="checkbox"/> Class set of clipboards. <input type="checkbox"/> Wool or string (cut into lengths of approximately 50cm for each child to tie objects onto a stick). <input type="checkbox"/> Prepared map of the school grounds (one per pupil). <input type="checkbox"/> Compass (one for the teacher). <input type="checkbox"/> A camera or tablet. <input type="checkbox"/> If possible, a selection of instruments that measure the weather (such as: thermometers, rain gauges and weather vanes). <input type="checkbox"/> Chalk (at least three different colours per pair). 	<p><i>Note: Lesson 4 investigates daily weather patterns, the children will need to carry out weather investigations, ideally at different times of the day, e.g. morning, midday and afternoon. Select and prepare for one of the activities in the lesson plan, depending on the weather.</i></p> <p>If carrying out the rain investigation:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Sticks (one per pair – children to collect). <p>If carrying out the wind investigation:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Paper plates (one per pupil). <input type="checkbox"/> Tissue paper cut into strips (at least four strips per pupil). <input type="checkbox"/> Hole punch (one for the teacher). <input type="checkbox"/> Sticky tape. <input type="checkbox"/> String or wool (one length per pupil).

<u>Would you prefer to live in a hot or cold place?</u>	<u>Why is our world wonderful?</u>
<ul style="list-style-type: none"> <input type="checkbox"/> Class set of atlases. <input type="checkbox"/> Globe. <input type="checkbox"/> Optional: Inflatable globe (one). <input type="checkbox"/> Class set of clipboards. <input type="checkbox"/> Thermometer. <input type="checkbox"/> Rain gauge. <input type="checkbox"/> Compasses (one between two.) <input type="checkbox"/> Sticky notes. 	<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one per child or pair). <input type="checkbox"/> Laptops or tablets (one between two). <input type="checkbox"/> Six photographs of human and physical features in the local area (this could include: a church, a park, a shop or a river - six per table group). <input type="checkbox"/> A3 colour aerial photographs of the local area, including either the school or a local feature recognisable to the children (one per table group - use link: Google Earth). <input type="checkbox"/> An OS map of the local area (sign up to use the free OS map link: OS OpenData) (one between two). <input type="checkbox"/> Hoops (one between two). <input type="checkbox"/> Magnifying glasses (one between two). <input type="checkbox"/> Clipboards (one between two). <input type="checkbox"/> Optional: Identification sheets (choose relevant sheets found on the link: Tree tools for schools* from the Woodland Trust)
<u>What is it like to live by the coast?</u>	
<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one between two). <input type="checkbox"/> Devices (one between two). <input type="checkbox"/> Clipboards (one each). 	
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<u>Why do people live near volcanoes?</u>	<u>Who lives in Antarctica?</u>
<ul style="list-style-type: none"> <input type="checkbox"/> Sticky notes. <input type="checkbox"/> White card (printer friendly). <input type="checkbox"/> Glue sticks (one per child or pair). <input type="checkbox"/> Optional: Whiteboard and pen (one per child). <input type="checkbox"/> Atlases (one per child or pair). <input type="checkbox"/> Laptops/iPads or computers (one per pair). <input type="checkbox"/> Digital copy of an aerial map of your school labelled with features. <input type="checkbox"/> A selection of rocks <input type="checkbox"/> Digital camera/iPad to take photographs outside (one per child or pair). <input type="checkbox"/> Optional: clipboards (one per child). <input type="checkbox"/> Optional: magnifying glasses (one per child, pair or group). 	<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one per child or pair). <input type="checkbox"/> Globes (one per group). <input type="checkbox"/> Optional: Terry's chocolate orange (for teacher demonstration). <input type="checkbox"/> Torches (one per group). <input type="checkbox"/> Access to a free BBC iPlayer account. <input type="checkbox"/> Optional: Calculators (one per pair). <input type="checkbox"/> Large pieces of paper (one per group). <input type="checkbox"/> Coloured pens (one per pupil). <input type="checkbox"/> Optional: Tablets or voice recorders. <input type="checkbox"/> Digital copy of an aerial outline of your school (one with and one without features, just building outlines). <input type="checkbox"/> Laptops/iPads or computers (one per pair). <input type="checkbox"/> Compasses (one per pupil). <input type="checkbox"/> Clipboards (one per pupil).
<u>Are all settlements the same?</u>	
<ul style="list-style-type: none"> <input type="checkbox"/> Laptops/iPads or computers (one per pair). <input type="checkbox"/> Colouring pencils. <input type="checkbox"/> Clipboards (one per group). <input type="checkbox"/> iPad or tablets (one per group). <input type="checkbox"/> An OS map legend (link provided, one per pair). <input type="checkbox"/> An OS map of the local area, pre-prepared with a fieldwork route (link provided, one per group). <input type="checkbox"/> Sticky notes. <input type="checkbox"/> A historical map of your local area (link provided, one per pair). <input type="checkbox"/> Optional: Magnifying glasses. <input type="checkbox"/> Optional: Historical photos of your local area (link provided). <input type="checkbox"/> Atlases (one per pair). <input type="checkbox"/> Optional: Glue sticks (one per group). <input type="checkbox"/> Mini whiteboards (one per pupil). 	

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<u>Why are rainforests important to us?</u>	<u>Where does our food come from?</u>
<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one per child or pair). <input type="checkbox"/> Globes <input type="checkbox"/> Optional: Whiteboard and pen (one per child). <input type="checkbox"/> Sticky notes. <input type="checkbox"/> Digital copy of map of local woodland with paths. <input type="checkbox"/> Clipboards (one per child). <input type="checkbox"/> A1 card or foam boards (one per fieldwork group). <input type="checkbox"/> Glue sticks (one per fieldwork group). <input type="checkbox"/> Coloured felt tip pens (one per child). <input type="checkbox"/> A1 paper (one per fieldwork group). 	<ul style="list-style-type: none"> <input type="checkbox"/> iPad or tablets (one per pair). <input type="checkbox"/> Laptops or computers (one per child). <input type="checkbox"/> Colouring pencils. <input type="checkbox"/> Recycled food packaging (with labels, collected by children in L4). <input type="checkbox"/> Calculators (one per child). <input type="checkbox"/> Atlases (one per child). <input type="checkbox"/> Member of staff with knowledge on where food from school dinners comes from for interview. <input type="checkbox"/> Optional: A1 card or foam boards (one per fieldwork group). <input type="checkbox"/> Glue sticks. <input type="checkbox"/> Scissors.
<u>What are rivers and how are they used?</u>	
<ul style="list-style-type: none"> <input type="checkbox"/> Sticky notes. <input type="checkbox"/> Colouring pencils. <input type="checkbox"/> Sealable plastic bags (one per pair). <input type="checkbox"/> Permanent marker pens (one per pair). <input type="checkbox"/> Optional: blue food colouring <input type="checkbox"/> Tape. <input type="checkbox"/> A variety of materials for the class to build a river model (for example, scissors, glue, sellotape, aluminium foil to represent water, tissue paper in green, brown, and blue, recycled and washed plastic containers, recycled cardboard boxes, construction toys such as Lego, wool, string, rope, and foil containers). <input type="checkbox"/> White stickers for writing labels (a few per pair). <input type="checkbox"/> Atlases (one per pair). <input type="checkbox"/> Large sugar paper (one per group). <input type="checkbox"/> Coloured felt tip pens. <input type="checkbox"/> Clipboards (one each). 	

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<u>What is life like in the Alps?</u>	<u>Why do oceans matter?</u>
<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one per pair). <input type="checkbox"/> A3 paper (one per child). <input type="checkbox"/> Tablets or laptops (one per pair). <input type="checkbox"/> An OS map of the local area (sign up to use the free OS map link: OS OpenData - local). <input type="checkbox"/> Clipboards (one per child). <input type="checkbox"/> Sticky notes (five for each pair). 	<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one per pair). <input type="checkbox"/> Colouring pencils. <input type="checkbox"/> Laptops or computers (one per pair). <input type="checkbox"/> Clipboards (one per child). <input type="checkbox"/> iPad or tablets (one per group). <input type="checkbox"/> A pre-prepared aerial sketch map of the fieldwork area (a local marine environment).
<u>Would you like to live in the desert?</u>	
<ul style="list-style-type: none"> <input type="checkbox"/> A torch. <input type="checkbox"/> A globe. <input type="checkbox"/> Atlases (one between two). <input type="checkbox"/> Access to a device (one between two). <input type="checkbox"/> Access to a free BBC iPlayer account. 	

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<u>Why does population change?</u>	<u>Where does our energy come from?</u>
<ul style="list-style-type: none"> <input type="checkbox"/> Sticky notes. <input type="checkbox"/> Atlases (one per pair). <input type="checkbox"/> Coloured felt tip pens (one per child). <input type="checkbox"/> A1 paper (one per table or group). <input type="checkbox"/> Colouring pencils. <input type="checkbox"/> An OS map of the local area with pre-prepared route marked (sign up to use the free OS map link: OS OpenData - local). <input type="checkbox"/> Clipboards (one per child). <input type="checkbox"/> Timer (one per table or group). <input type="checkbox"/> Tablet or voice recorder (one per table or group). <input type="checkbox"/> Computers or laptops (one per child). 	<ul style="list-style-type: none"> <input type="checkbox"/> Atlases (one per child). <input type="checkbox"/> Colouring pencils. <input type="checkbox"/> Optional: Sticky notes. <input type="checkbox"/> Digital device (one per pair). <input type="checkbox"/> Torch. <input type="checkbox"/> Globe. <input type="checkbox"/> Clipboards (one per child). <input type="checkbox"/> Paper OS map of Port Blyth or Digital OS map of Port Blyth (one per pair).
<u>Can I carry out an independent fieldwork enquiry?</u>	
<ul style="list-style-type: none"> <input type="checkbox"/> Access to a device (one between two). <input type="checkbox"/> An OS map of the fieldwork area (link provided, one per group). <input type="checkbox"/> Clipboards (one each). <input type="checkbox"/> A3 paper (one per group). 	

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