

# Year 4 – Autumn Term 2 – Where would you choose to build a city?

<p><u>Science</u></p> <p>What are the differences between solids, liquids and gases?</p> <p>What happens to a solid when it is heated?</p> <p>What temperature does water change state?</p> <p>What happens to different liquids when they are frozen?</p>	<p><u>Geography</u></p> <p>Where does rain come from?</p> <p>How does the water cycle work?</p>	<p><u>Geography</u></p> <p>How can we tell the difference between a village and a city?</p> <p>Can we name the main features of a river?</p> <p>How can we travel around a city?</p> <p>How do we use the land around us?</p>	<p><u>Geography</u></p> <p>Can we name and locate cities in the UK?</p> <p>Can we identify topographical features on a map such as rivers, hills and mountain ranges?</p> <p>Can we identify map symbols?</p>
<p><u>Geography</u></p> <p>What is pollution and is it worse in big cities?</p>	<p><u>History</u></p> <p>Why did our ancestors choose to build settlements in certain locations?</p>	<p><u>Design and Technology</u></p> <p>What is an architect?</p> <p>Who is Zaha Hadid?</p>	<p><u>Art and Design</u></p> <p>Who is Chris Cyprus and how can we describe and imitate his art work?</p>



We are here



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Key Vocabulary	
Precipitation	Rain, snow, sleet or hail which falls to or condenses on the ground.
Evaporation	The process of turning from liquid into a vapour.
Condensation	The conversion of a vapour or gas to a liquid.
River	A large natural stream of water flowing into the sea, a lake or a larger river.
Lake	A large area of water surrounded by land.
Water Vapour	Water in the form of a gas as a result of heating water or ice.
Solid	Firm and stable in shape.
Liquid	A form that flows easily that is not a solid or a gas.
Gas	A form of matter which is not solid or liquid.
Melt	To change from a solid to a liquid.
Freeze	To change from a liquid into a solid.
Evaporate	To change from a liquid into a vapour.
Condense	To change from a vapour or a gas into a liquid.
Degrees Celsius	A unit of temperature measurement.
Temperature	How hot or cold something is.
Thermometer	A device to measure temperature.



You can often find a river running through a city as settlements throughout history have used rivers for water and transportation.

### My Questions about this topic:



Dame **Zaha Mohammad Hadid** was a British Iraqi architect, artist and designer. She was known as an architect who consistently pushed the boundaries of architecture and design, experimenting with ambitious new concepts and designs. She was once described as the "Queen of the curve", as many of her buildings reflect organic lines and shapes found in nature.

Hadid was the first woman to receive the Pritzker Architecture Prize, and she received the UK's most prestigious architectural award, the Stirling Prize. She was made a Dame by the Queen for services to architecture.

