

Questions (over 7 lessons)

Why do we need latitude and longitude?

What are 4 and 6 figure grid references and how do we use them?

How can I precisely describe locations, landmarks and places as a geographer?

Key Vocabulary

Tier 2	Tier 3
Parallel	Latitude
Horizontal	Longitude
Reference	Meridian
Degrees	Hemisphere
Coordinates	Northings
Intersect	Eastings

Big ideas/Substantive Concepts

GEOGRAPHICAL SKILLS

The use of maps, atlases and globes to know and explain more about location and a place.
Use 4 and 6 figure grid references with precision and accuracy.

FIELDWORK

Collecting and using information to know more and explain what a location or place is like.
Use 4 and 6 figure grid references to explain location and place.

Sources

Cusp Curriculum
Curriculum Visions
Digi maps for schools

Y5 Introduce 4 and 6 figure grid references

Making connections to prior learning

**Year - River study, Latitude and longitude, Water cycle
Year 5 - Biomes**

Disciplinary Knowledge - thinking like a geographer

Place and space	Scale and connection	Physical and human geography	Environment and sustainability	Culture and diversity
<p>How do 4 and 6 figure grid references tell us more about a place and the space that is used?</p> <p>Explain what the difference is between four and six figure grid references?</p> <p>For each system, explain what will you see more of and what would you see less of?</p>	<p>When you use a 6 figure grid reference, what can it tell you about the place and the way it connects?</p> <p>When you use a 4 figure grid reference, what can it tell you about the place and the way it connects?</p> <p>What differences can you explain?</p> <p>What does a 6 figure grid reference tell you more of?</p>	<p>How can grid references be used to help explain more about the human or physical features?</p> <p>For example – you could use a 4 figure grid reference to show a broad location of Lake Windermere, but if you wanted to meet precisely you would use a 6 figure grid reference.</p>	<p>Why could it be useful to use a 4 figure grid reference to accurately locate a wind or solar farm?</p> <p>If you discovered that a small rural river had become polluted, would it be better to use a 4 or 6 figure grid reference to help show the emergency services the precise location. Why?</p>	<p>Why would it be better to locate a sacred religious site, such as Mecca or a local mosque, using a 6 figure grid reference over a 4 figure grid reference?</p> <p>Which grid reference system would you use to show your friend where the ancient Maya city of Palenque was?</p>