Year 7 GEOGRAPHY – MAP SKILLS AND UK MAPS

Intent

Wider Learning:

- European and world mapping.
- GIS mapping techniques.
- Bearing and headings.
- Contextualise all of the topics taught into a real-life scenario that uses all of the topics taught in this module.
- History of mapping and how a map is made using GIS.

Prior learning:

An understanding of The UK maps and locational knowledge of our country at KS2. This should include some of the physical and human features that feature in the UK. A basic understanding of mapping types and how to interpret a map.

Key vocab:

1. Physical
2. Human
3. Capital city
4. Mountains
5. Rivers
6. Lakes
7. Topographic
8. Thematic
9. Choropleth
10. Symbology
11. Ordnance survey
12. Orientation
13. Bearing
14. Grid reference
15. Scale
16. Distances
17. Relief
18. Contours
19. GIS

The big questions

- This module's underpinning 'big question': what does an effective map look like and how can I use it effectively?

Implement

Order of learning

1. Introduce the module and the subject. What is geography? What makes a good geographer? Look at physical and human features to get the students to identify the difference. Opportunity for students to think like a geographer in the plenary.
2. UK physical map – Can I identify physical features of the UK? Opportunity for peer assessment and working independently to find other features.
3. UK human map – can I identify human features of the UK? Opportunity for peer assessment and working independently to find other features.
4. **Formative assessment of UK human and physical maps.** Peer-assess and give whole class feedback.
5. Map symbols – What map symbols can I identify? Formative assessment in the starter to see what the students already know. Independent and guided study of the MapZone website followed by implementation in the form of map symbol bingo. Conduct 2-3 games (time permitting).
6. Compass directions – Do I know the compass points, and can I use them? What are directions and bearings? What does orientation mean? Explain the 8 and 16 points of a compass. Formative assessment/hinge questions true or false questions. Practise using 2 tasks in the PowerPoint.
7. Grid references – When, what and how are grid references used? Explain "along the corridor and up the stairs" and the bottom left corner rule.
8. Map scales – What is a map scale and how is it used on a map? Introduce how it is used to measure distance. Order maps in order of scale (main task).
   Homework: In the world this happened this month… October. The Great Storm 1987.
9. Direction and scale – How can I measure distances on a map? Modelling will be key to understanding for this topic. Discuss the two methods of measuring scale: straight line and accurate.
10. Contours and relief – How do we represent relief on a map? Introduce key terms. How do we turn a flat map into a 3D representation? Clear examples and explanation will be key to understanding this content heavy topic.
11. Introduction to SENECA learning.
12. Map skills revision – 2 PowerPoints online or teacher led, based on individual groups needs.
13. **Map skills summative assessment. Assessment is located on Microsoft Forms.**
14. Feedback on map skills assessment. EBI and WWW. WCF sheet available as required.
    Feedback on homework.
15. Types of mapping – Can I identify different types of maps? discuss the different types of maps, what they are used for and analyse how effective they are. Formative assessment – have students make a collage of 4-8 new map types and get a partner to work out what type of map they have included.

Differentiation

G&T/stretch:
Link to other geographical topics.
Questioning based on higher order (bloom's taxonomy of questioning).
Super stretch tasks (GCSE).

Scaffold in mind:
Modelling tasks.
Scaffolding and explanations to assist students in this bracket.
Support students with sentence starters.
Recap during starters and plenaries (link).

SEND:
Short chunks of reading with glossaries.
Sentence starters and word banks for written tasks.
Dual coding on slides.

Impact

Assessment and homework

- Formative assessment using hinge questions, starters, plenaries and questioning throughout the lessons. Adjust lessons to adapt to the groups understanding of each topic taught (as required).
- Formative assessment of UK physical and human maps.
- Homework will look to 'hook' students onto interesting geographical topics and develop geographical questioning techniques in a fascinating manner. *What happened in the world this month…*
- Summative assessment 1 will take place at the end of topic.

Feedback

Feedback strengths and areas of critical evaluation.
Peer and self-assessment.
Correct and reflect opportunities to encourage independent progression.

Where will this be revisited?

The lessons taught in this model are fundamental geographical skills which will be revisited throughout KS3 and KS4 lessons, for example, being able to describe the location of an area using compass points, grid references and describing the physical features.
Yr 8 will progress students to European mapping.
Yr 9 will progress students to World mapping.
Locational knowledge and atlas work throughout KS3 and KS4.