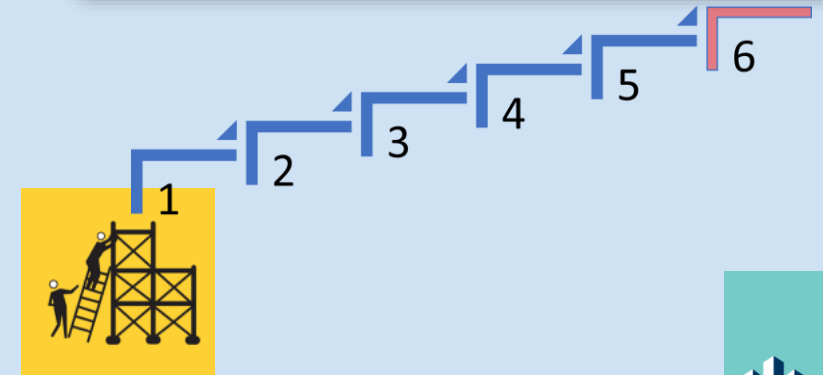


Module 3: Sequencing/integrating GIS into the curriculum

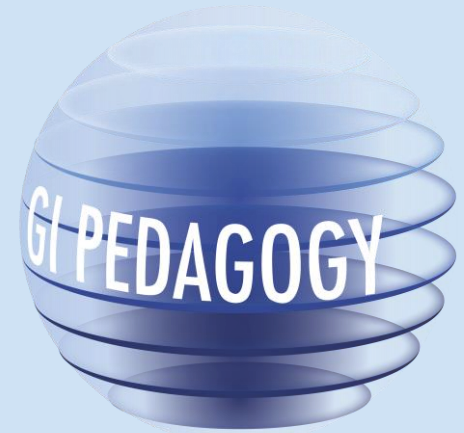
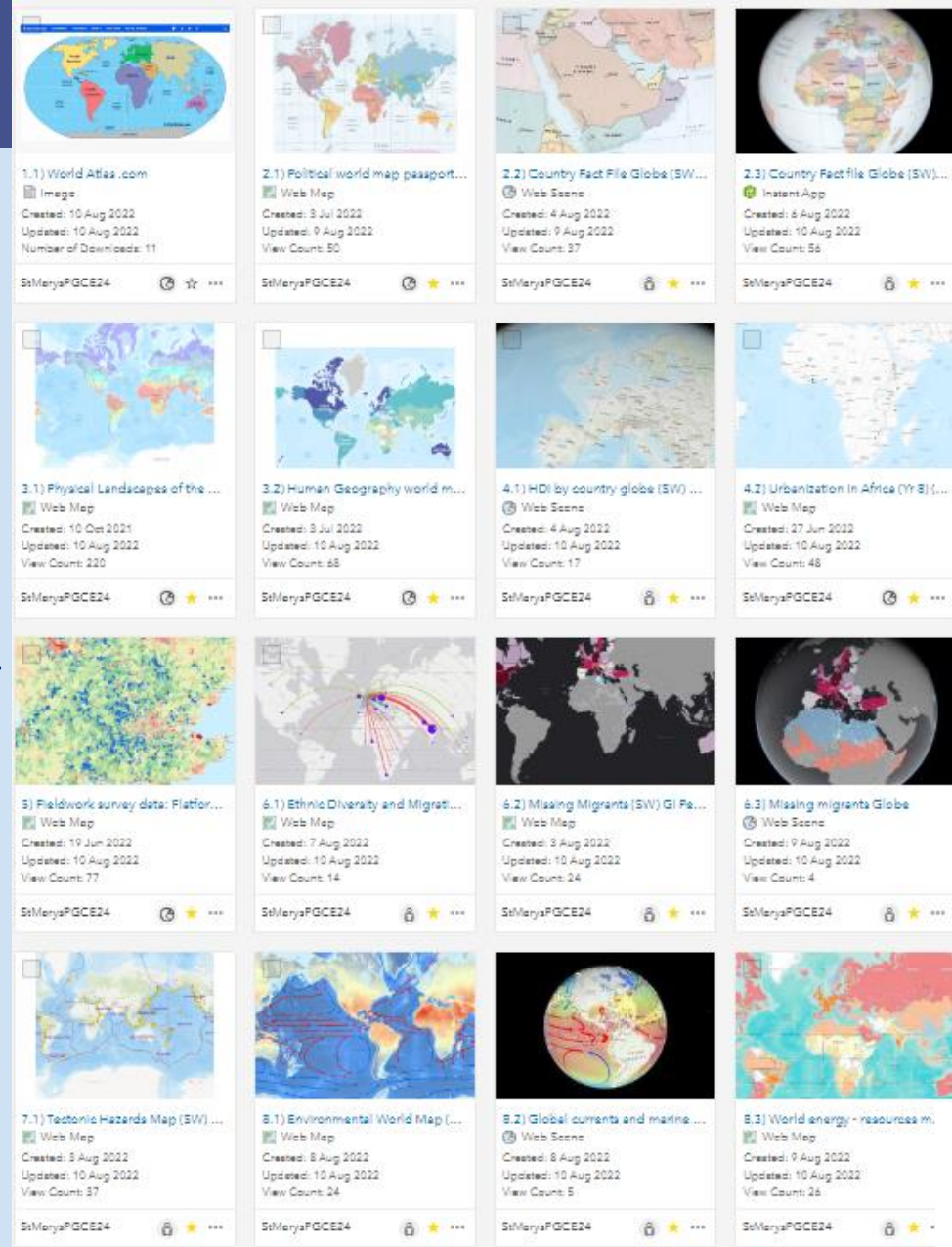
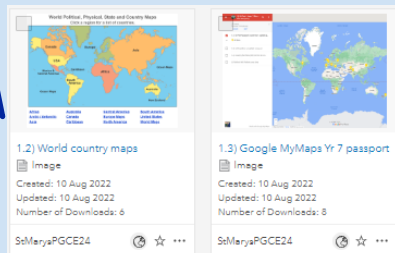
6) Gi Pedagogy - Curriculum Hub



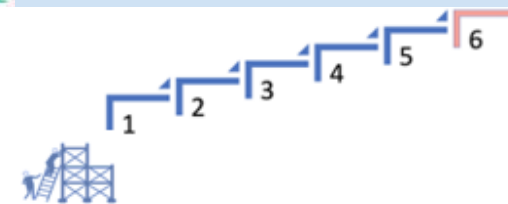
Gi Pedagogy: Curriculum Hub

Use the Gi Pedagogy Hub to select GIS layers

Add data + photos to your GIS visualiser





Add data + photos to your GIS layers



Gi Pedagogy: Curriculum Hub



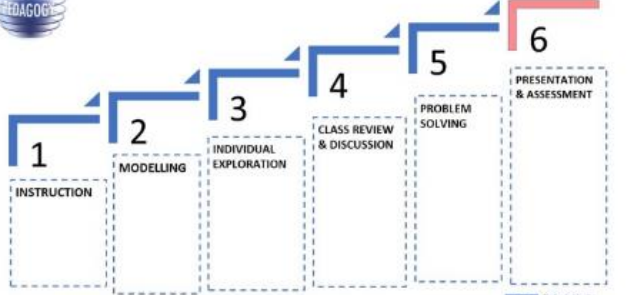
Gi Pedagogy: Curriculum Hub





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'GI-Pedagogy'
 An innovative model using geoinformation for teaching about sustainability


Website: www.gi-pedagogy.eu

1 INSTRUCTION
 2 MODELLING
 3 INDIVIDUAL EXPLORATION
 4 CLASS REVIEW & DISCUSSION
 5 PROBLEM SOLVING
 6 PRESENTATION & ASSESSMENT

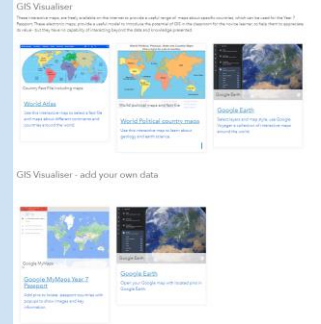
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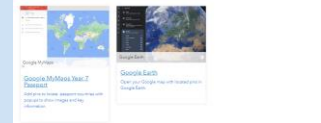

Checking understanding



GIS Visualiser

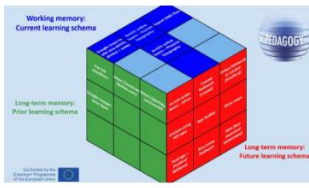



GIS Visualiser - add your own data



| | | | | |
|--|---|--|---|---|
| Rehearsing 1 - Daily review | Rehearsing 2 - New materials in small steps | Rehearsing 3 - Ask questions | Rehearsing 4 - Provide models | Rehearsing 5 - Guide student practice |
| Rehearsing 6 - Check student understanding | Rehearsing 7 - Citizen high success rate | Rehearsing 8 - Scaffolds for difficult tasks | Rehearsing 9 - Independent practice | Rehearsing 10 - Weekly and monthly review |

Working memory: Current learning scheme
 Long-term memory: Prior learning scheme
 Long-term memory: Future learning scheme




 ArcGIS Industries About Support

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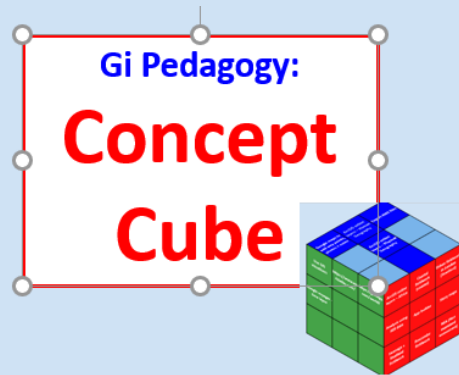
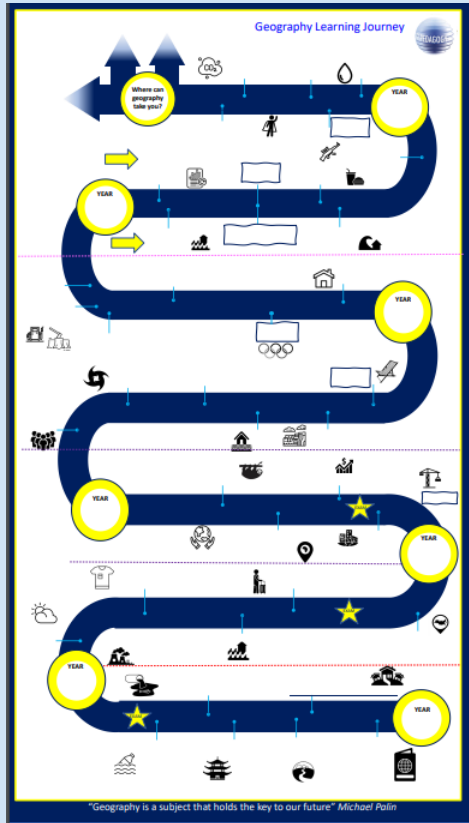
Browse

YOUR TURN!!

GI PEDAGOGY

Teach with GIS by integrating it into your curriculum

Use the Gi-Pedagogy Curriculum Hub

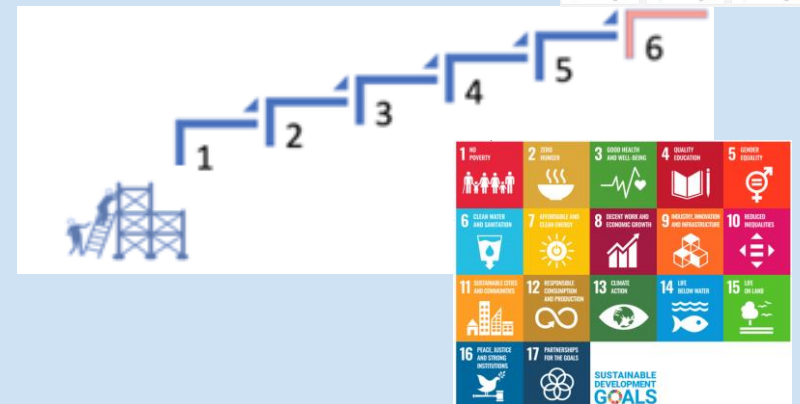
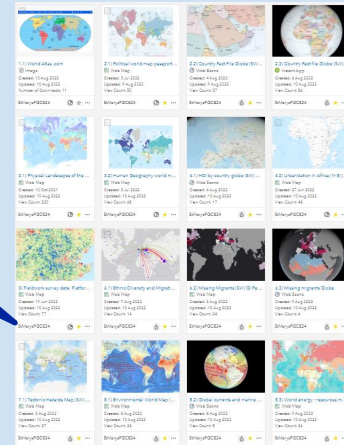


Sequence of lessons

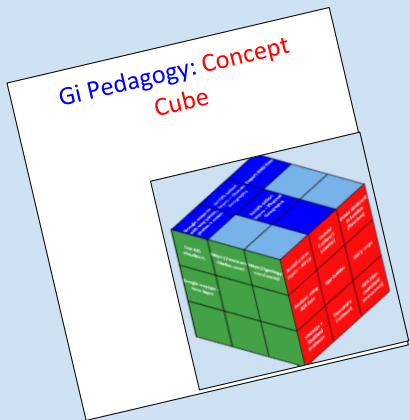
Geography Department

| | Autumn (7 weeks) | Spring (7 weeks) | Summer (7 weeks) |
|-------|------------------|------------------|------------------|
| Yr 7 | | | |
| Yr 8 | | | |
| Yr 9 | | | |
| Yr 10 | | | |
| Yr 11 | | | |
| Yr 12 | | | |
| Yr 13 | | | |

2023-22



Module 3: Sequencing/integrating GIS into the curriculum

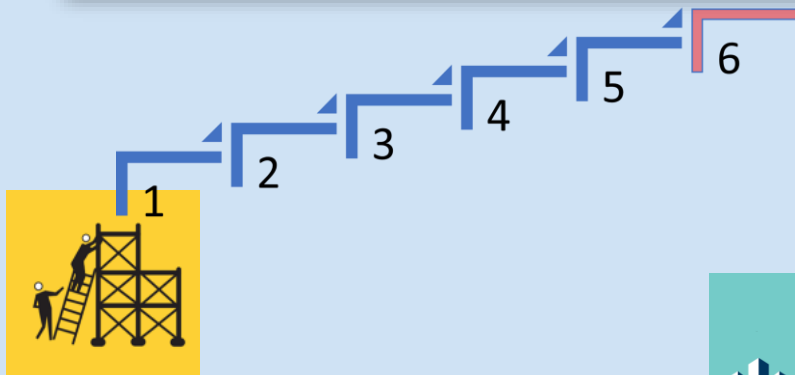


Your Turn !!



CASE STUDY: Year 7 Passport.

| Step | Identify a topic / story that is going to be told / explored using GIS | Other |
|------|---|-------|
| | [LESSON TITLE] | |
| | [LESSON SUBTITLE] | |
| | Curriculum context: | |
| | Target age group: | |
| LOs | Learning objectives | |
| | [Ideas for Learning objective statements] <ul style="list-style-type: none"> Retrieve prior learning about... Describe and explain links between... Describe, explain and evaluate... Can link to SDGs especially: (Choose only those related to the vignette topic and activities) | |
| | | |

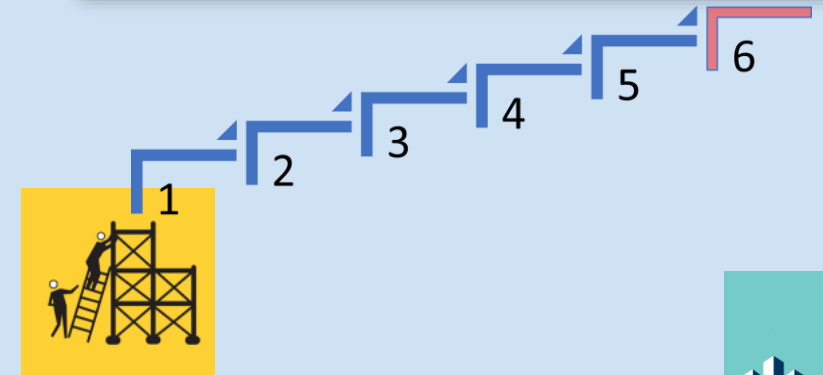


Sophie Wilson
Miguel A. Puertas



Module 3: Sequencing/integrating GIS into the curriculum

Sophie Wilson, Miguel A. Puertas



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Agreement number
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<http://www.gi-pedagogy.eu>



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