Lesson Support for Stage 4: Building *continued*

Approx. Duration: 1 - 2 hour

Learning Objectives:	▪ To work collaboratively to build within Minecraft: Education Edition ▪ To follow a plan to build accurately within Minecraft: Education Edition
Areas of Learning and Experience:	The steps within this stage offers opportunities to develop: ▪ **Science and Technology**: Design thinking, and engineering offer technical and creative ways to meet society's needs and wants
Cross-curricular skills:	The steps within this stage offers opportunities to develop: The steps within this stage offers opportunities to develop: ▪ **DCF** ○ **Interacting and collaborating**: Collaborating ○ **Producing**: Creating digital content ▪ **Numeracy**: explore concepts related to geometry and measurement such as size, shape, symmetry, scale, length, dimension, distance, position, viewpoint and time
Guiding Ideas / Possible questions to ask:	Remind groups to refer to their success criteria and plans throughout the lesson. Use the most appropriate blocks for the required materials.

Introduction / Starter

Recap on success criteria and plans, reminding learners to refer to these and monitor progress to ensure their build is on track.

Remind learners of the expectations of behaviour during the build, e.g. staying in your group's area. Ensure groups have allocated tasks and that each learner is aware of their role.

Learner Activities	Differentiation	Achievement outcomes
Step one		
Groups to quickly evaluate progress from the last lesson and recap on individual roles for completing the rest of the build.	Teacher input	▪ To communicate effectively within a group ▪ Taking responsibility for completion of the build
Assessment Opportunities		
▪ Can learners communicate effectively with the other groups and take responsibility for their roles? ▪ Do learners appreciate that they have individual accountability and group accountability too for the build?		
Step two		
Groups continue working through their plan and build.	Teacher input	▪ To follow a shared plan ▪ Supporting and communicating with others in a group
Assessment Opportunities		
▪ Can learners work together to create a shared build, following a planned procedure? ▪ Can learners communicate the outcomes of their research findings and decisions effectively?		

Step three

Periodically check on progress and reset actions with respect to the timeframe. (Teacher can achieve this through close monitoring or whole group intervention.)	Teacher input Outcomes	▪ To evaluate progress against the success criteria

Assessment Opportunities

- Can learners evaluate their progress, recognise if they are on track, revise their work based on feedback and identify next steps?

Step four

Groups continue working through the steps on their plan, until completing the build.	Teacher input.	▪ To follow a shared plan ▪ Supporting and communicating with others in a group ▪ A completed scaled down exhibits of Wales, including their chosen aspects

Assessment Opportunities

- Can the learners meet the plan deadline effectively?

Plenary

Ask the learners the questions below:

- What progress have you made today?
- Did you complete the plan and finish the build?
- Did you need to reassess your initial expectations?
- Did everybody fulfil their role?
- Did you achieve your target for this lesson?

Key Vocabulary:

- Plan
- Tasks
- Collaboration
- Responsibility
- Progress
- Timeframe
- Materials
- Evaluation

Resources / Supporting files:

- Work from previous lesson (plan and success criteria)
- 'The Museum of Wales' Minecraft world
- Devices with Minecraft: Education Edition installed