Lesson Support for Stage 3: The Build

Approx. Duration: 4+ hrs

Learning Objectives:	▪ To collaborate effectively with others 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 ▪ **Expressive Arts** - Creating combines skills and knowledge, drawing on the senses, inspiration and imagination
Cross-curricular skills:	The steps within this stage offers opportunities to develop: ▪ **Numeracy** – ○ develop effective numeracy skills, including those to design and measure, model and communicate ideas, analyse and predict then draw conclusions ○ Numeracy - concepts related to geometry and measurement such as size, shape, symmetry, scale, length, dimension, distance, position ▪ **Digital Competence** – designing and expressing learners' thinking using digital devices and systems ▪ **DCF:** ○ **Citizenship**: Online behaviour and online bullying ○ **Interacting and collaborating:** Communication / Collaboration ○ **Producing:** Sourcing, searching and planning digital content / Creating digital content / Evaluating and improving digital content

Introduction / Starter

Encourage the learners to look back at:

- the group collaboration contract
- detailed plans
- project schedule
- success criteria

Inform the learners they should reference all of these as the work through the build.

Learner Activities	Differentiation	Achievement outcomes
Step one		
Ask the groups of learners to open a "Blocks of Grass" world from the templates in Minecraft: Education Edition and implement the build of their 'Tourist Information Centre'. Encourage the learners to begin to work through the steps in their project schedule, follow their scale drawing plan and making decisions about the type of world and settings.	Mixed ability groups to support each other.	▪ To follow a shared plan ▪ Supporting and communicating with others in a group ▪ To collaboratively build their 'Tourist Information Centre'

Assessment Opportunities

- Setting up sharing a world.
- Creating the right settings for the world
- How well do they follow and adapt their plan?
- How do they check progress?

Step two		
Progress check – Learners should check in with each other and discuss progress and discuss developments	Mixed ability groups to support each other.	▪ Learners evaluate progress against the criteria and adapt plans if needed

Assessment Opportunities

- How well do the learners evaluate progress and timescales against the plan?
- How confident are the learners in adapting their plans?

Step three

The build will most likely be over a number of sessions therefore learners should save and export the world on a lesson by lesson basis.	Provide specific file names and location to export the world Teacher/Peer support.	▪ World is exported and saved in a central place ready for use during the next session

Assessment Opportunities

- Do the learners use suitable file names?
- Can students save and export their worlds to a central cloud-based location?

Step four

Continue with the build and checking against plans and criteria until completed.	Mixed ability groups to support each other.	▪ Learners follow and adapt the plan as necessary ▪ Evaluate progress at regular intervals ▪ All progress saved and available for next session

Assessment Opportunities

- How well do they follow and adapt their plan?
- How do they check progress?
- How well do the learners evaluate progress and timescales against the plan?
- How confident are the learners in adapting their plans?

Plenary

Ask the learners the questions below:

- Does the build match the plans and expectation?
- What and why did you adapt?
- How might this information change your planning in future?
- Are you happy with the 'Tourist Information Centre'?

Key Vocabulary:

- collaboration
- host
- design
- schedule
- import/export
- file names

Resources / Supporting files:

- Minecraft: Education Edition
- Minecraft: Education Edition world or template
- Checklist if required