

Lesson Plan

Lesson Title: Digital Web Design	
Lesson can be used for: Computing, ICT or PHSE	
Intended Learning Outcome:	Understand the website design planning process, understand the job of a Product Owner, and begin to build webpages using HTML and CSS.
Time Available:	2 x 50 minutes lessons
Skill level	Learners will have access to a computer and be able to log into repl.it. Expected level of skill in coding is complete beginner to beginner level.
Lesson delivery	An educator pack and video has been provided to guide the learners through the independent coding. This lesson should be led by a teacher or mentor who will play the role of Product Owner and assign the briefs from the educator pack to each student or group. The teacher or mentor will introduce these concepts and the site map template to the students. The teacher or mentor is responsible ensuring that all site maps created match the brief before the students begin coding using the video. The video can be watched as a class, or individually, so students can pause at their own pace.
Assessing that the learners have achieved the intended learning outcome	The students will have successfully drawn out a site map and got approval, or amended according to feedback from the Product Owner. The students will have begun coding their own website on repl.it. The teacher can assess this by looking at the pages built.

Time (mins)	Details of Task	Student Activity	Resources
5	Introduction including context & details of task, introducing concept of Product Owner	Listening, asking questions	Video, briefs, educator pack
10	Designing site map templates	Using template to draw their own site maps	Video, template
10	Teacher to approve site maps	Presenting their site map, taking any feedback/amends needed	Templates to hand
5	Software login and familiarisation	Login and navigating to	Video, repl.it

		the correct page	
20	Independent coding - building the web pages	Coding using the video	Video, repl.it
END OF LESSON 1			
5	Re-familiarisation with context & details of task, software login	Login and navigating to the correct page	Video, repl.it
35	Independent coding - building the web pages	Coding using the video	Video, repl.it
10	At the end of the activity, students present which pages they have chosen to build back to the class or teacher/mentor	Sharing feedback, learning about extension activity	Site map, repl.it

Extension

The session provides the opportunity to continue the learning experience on their personal devices or at their educational institution. They can continue to build the pages they have started to develop or build additional pages using the guidance from the video.

An email address is provided at the end of the video for students to share screenshots of their websites if external email is permitted.