# Getting started with Unreal Editor for Fortnite (UEFN)

Design a 3D world



## **Introduction to Flip Computing**

- Technology education (TechEd) company
- Inclusion-first approach
- Create bespoke learning experiences for technology education providers
- Driven by a need to flip the narrative on computing and provide unique opportunities to access the subject









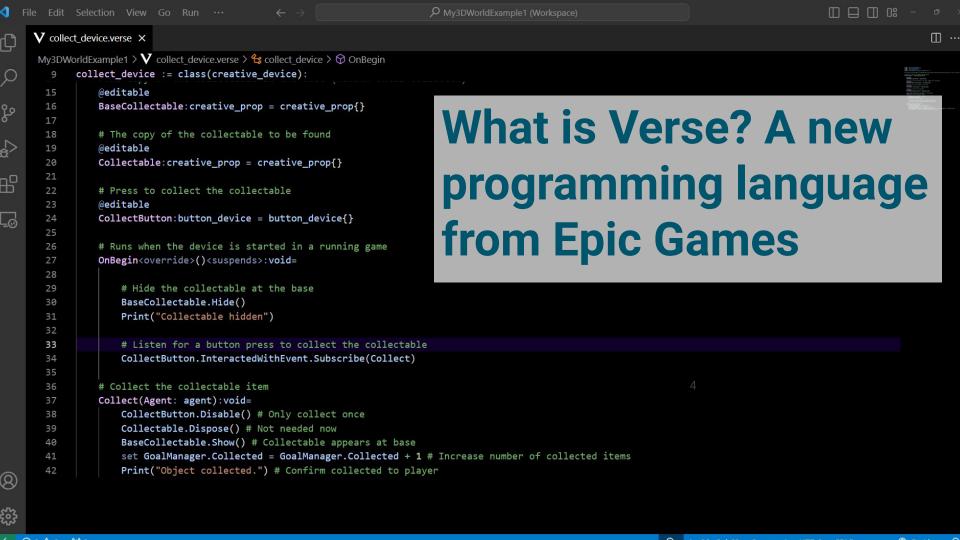














#### **4 Sessions**

- 1. Build your world
- 2. Code your world
- 3. Personalise your world
- 4. Share your world







## What will you make in session one?

A personalised 3D world with a chair to sit on and enjoy the view.







## What will you make in session two?

A world where you collect an object for your base and receive a visual effects reward











# (Where we left you last time) After the first two sessions ...





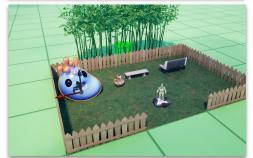














# (What we've added since) After the four sessions ...









## Session three: Personalise your world

- Make design decisions about which features to add:
  - Use Verse code to send messages to a 'heads up display'
  - Use Verse code to control how objects move back to the base
  - Replace the material on multiple items to change your island surface
  - Add props to create scenery for your world







## Session four: Share your world

- Share a UEFN project
  - At your computer
  - Via a zipped file
  - On Fortnite
- Play a project created by someone else
- Celebrate your achievement!









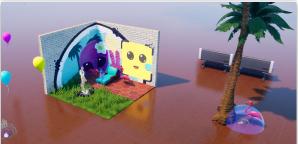
## Carefully selected skills - huge variety of results













#### **Resources for each session**

- Getting started guide
- Lesson plan
- Teacher guide
- Classroom slides
- UEFN Controls list
- Vocabulary sheet
- Student worksheet



**⊘flip** 



#### Using the resources

- Clickable content navigation
- Recognisable common features
- Highlighting for new code
- Use of full width of page
- Code formatting
- Numbered steps
- Testing checklists



13. Try it out!



☐ Confirm that the object is missing from your base at the start

Return to your base and check that the object has appeared

Walk to the collectable copy and use E to collect it



#### Real world application of skills

- 3D games
- Brand experiences
- Entertainment
- Architecture and design
- Education
- Science and engineering simulations
- Video effects for movies
- Fashion and retail experiences

- Over 18s can make money through the Fortnite Creator Economy 2.0
- Epic Games are making Fortnite
   Game modes using UEFN





## Discussion

Over to you

What 3D tools do you use in your setting at the moment?



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