

### **Information**

Digital spaces allow users to work collaboratively online. There are two common ways to approaching a collaboration task. One is a “waterfall” method where each phase of a collaborative approach (planning, implementation, testing, evaluation and deployment) is ‘gated’ i.e you can’t move onto the next phase until agreement and signoff of the previous stage completed.

An iterative approach to collaboration breaks down the task into smaller sections (or chunks). These smaller sections look at a specific feature that is designed, developed and tested in repeated cycles. Each iteration (or cycle) getting closer to the final goal. One of the benefits to working iteratively is to allow more flexibility for any last minute changes.

### **Curriculum Expectations**

Students will plan and manage projects using iterative and collaborative approach. As they are revising their projects, they will identify issues such as risks, safety and sustainability.




### **Video Resources**

*Click the images to open the videos*

These videos explain iterative and traditional methods of project management.



**Pros of Iterative Development**

- Less planning required for shorter development window 
- Possibly a reduced budget
  - Less defects
  - Shorter, more focused testing
- More collaboration may lead to less scope creep 

Video Source: kthomasnuwave

