



Galley Hill Primary School

Subject on a Page

Computing

AT GALLEY HILL WE BELIEVE THAT WE ARE PREPARING STUDENTS FOR THE FUTURE BY DELIVERING A CURRICULUM THAT CHALLENGES THEM AND OFFERS THEM TRANSFERABLE AND VALUABLE SKILLS,



Intent → What do we aim to achieve for all children?



Provide children with a life-long skills so they are confident digital citizens.



Teach children about E-Safety and although the internet has provided many opportunities for us - it can be a dangerous place.



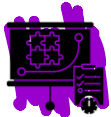
Deliver purposeful lessons, whereby children know why they are learning a skill and how this skill is used in the wider world.



Children are challenged to constantly evaluate and modify their work.



Ensure the wider curriculum allows transferable computing skills



Implementation → How do we teach our Computing Curriculum?

Our belief is that we are preparing students now for careers that probably do not exist yet. We are living in a fast paced and ever changing world. Children therefore need to be taught skills that allow them to evaluate, modify, create, bug fix and transfer these skills as technology inevitably develops. We also have a responsibility to make sure our children are safe and that they understand the implications of using the internet and how to be safe.

USE, MODIFY, CREATE,

BE SAFE

HANDS ON

PROJECT BASED

COMPUTING LESSONS

PURPOSEFUL, ASPIRATIONAL AND CHILD-LED.



LESSON STRUCTURE

Lessons are planned using the Teach Computing (Raspberry Pi) curriculum which covers all requirements of the national Curriculum England.

For each year group there are 6 modules to complete throughout the year. Computer systems and Networks, Creating media 1, Creating media 2, Data and information, Programming 1 and Programming 2.

Lessons are child-led and children are expected to have resilience to bug-fix, program and discover new tools in computing. They will also be challenged to reflect and consider if there are short cuts/more efficient ways to complete a task.

Learning will be project based and will have 'real world' links. Lessons this year will be taught in blocks so that children have computing lessons closer together and they can get 'stuck in' to the task in hand.



Impact → How do we assess our Computing Curriculum?

Subject leads measure impact on 3 weekly cycles.

Subject lead feeds back in following staff meeting and makes suggestions.

Progression of skills in school is noticeable.

Computing planning is aspirational and children know why they are learning it.