

# Computing

Subject: Computing  
 Year group: 1/2  
 Cycle: B Autumn  
 Focus:  
 Computing Systems and Networks  
 IT Around Us

**Intent**

At Hady Primary School, the children have access to an engaging and inspiring computing curriculum that equips pupils with the essential skill of computational thinking. Children are provided with the opportunity to develop their creativity through the use of a wide range of programs and applications that make deep links with mathematics, science and design and technology. At Hady, children immerse themselves into the world of computer science through first hand use of chrome books, iPads and interactive whiteboards.

Specific Knowledge	
Key Vocabulary	
Word	Definition
Computer	A programmable machine that accepts and processes inputs and produces outputs (input, process, output; IPO)
Data	A letter, word, number etc. that has been collected for a purpose, but stored without context
Information	Data put into a context that provides meaning
Information Technology	The study, use, and development of computer systems for storing, processing, retrieving, and sending information
Technology	The use of scientific knowledge for practical purposes

- Enabling Knowledge**
- To recognise the uses and features of information technology
  - To identify the uses of information technology in school
  - To identify information technology beyond school
  - To identify how information technology helps us
  - To explain how to use information technology safely
  - To recognise that choices are made when using information technology

**How do previous questions/topics link to the current topic?**

Children should be able to recognise a range of devices.

Children will have used a range of different devices (school and home).

Child should be able to recognise basic parts of a computer.



## Online Safety

### Self-Image and Identity

Shaping online identities and how media impacts on gender and stereotypes

### Online Reputation

Relationships and behaviours that may lead to harm and how positive online interaction can empower and amplify voice.

**Assessment— Can you recognise a range of devices? How does IT help us? What can you use IT for?**