

# Ashtree Primary School and Nursery Medium Term Plan for Computing

## Computing – Year 1 – Information Technology

### Key Vocabulary

Computer, electronic, technology, internet, devices

### Key Knowledge

Children can be taught key knowledge by following the steps below:

1. Recall use of information recording in Reception
2. Recall use of Google Maps in Reception
3. Compare a physical map to Google Maps to recap vocabulary, electronic and technology
4. Complete Purple Mash unit 1.9

### Key Skills

Year 1

- Pupils learn about some uses of the internet.
- Pupils can give examples of technology they use both in and out of school.
- Pupils know objects which use technology and objects which don't.
- Pupils can follow simple instructions to access online resources.

### • Prior Knowledge – Reception

- Pupils know that information can be retrieved from computers.
- Pupils use simple computer programs.

ELG - PSED

- Be confident to try new activities and show independence, resilience and perseverance in the face of challenge
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### Development Matters 2020 – Nursery

- UW - Explore how things work.
- PD - Match their developing physical skills to tasks and activities in the setting.

### **Suggested Activities**

- Show pupils these Reception Activities on Purple Mash - Arrow Keys Game (Teachers, Computing Scheme of Work, Reception, General Computing Skills) and Mouse Finder Game (Teachers, Computing Scheme of Work, Reception, General Computing Skills) to remind them of technology uses in school
- Set pupils homework on Purple Mash, so they can understand that what they access at school can sometimes be accessed at home too – Example Matching Quiz and Example Sorting and Sequencing Quiz (found in Purple Mash, Teachers, Computing Scheme of Work, Reception, General Computing Skills) – [Maths Link](#)

### **This will lead to . . .**

Year 2

*Pupils are confident when finding, editing and saving digital content.*

*Pupils begin to edit more complex data using programs such as 2Sequence*

*Pupils can organise data into simple databases.*

*Pupils learn to use digital cameras and microphones for a purpose.*