



What does the Learning Journey for Computing look like?

If you were to walk into a Computing lesson at East Preston Infant School, you would see:

- ✓ Children are able to access a range of technologies and programs including computers, tablets, interactive whiteboards, recordable devices and programmable robots
- ✓ All children have access to learning computing skills in the classrooms and in the school's computing suite
- ✓ All children have a PurpleMash log-in to access a range of different activities across the curriculum both in school and at home
- ✓ E-safety is taught across all year groups as well as enhanced by assemblies and participating in Safer Internet Day
- ✓ Children are explicitly taught how to use new technologies in order to create various types of media e.g. taking photographs for a purpose
- ✓ Cross curricular – Children can develop their computing skills in subjects such as Literacy and in the outdoor classroom
- ✓ In EYFS – Continuous provision allows children to build mouse and keyboard skills when accessing classroom computers as well as touch screen technology when using the classroom interactive whiteboard. Code-a-pillar is used to introduce children to basic programming steps. Children are introduced to using computers responsibly in order to be safe.
- ✓ In Year 1 – Children build on mouse and keyboard skills developed in Reception when accessing classroom computers as well as touch screen technology when using the classroom interactive whiteboard. Children are introduced to a wider range of programs and online platforms to support their cross-curricular learning. Children use the Seesaw program to record learning electronically. Children use PurpleMash to complete tasks set as home learning. Building on their Reception e-safety learning, children apply their e-safety skills to working and playing online.
- ✓ In Year 2 - Children build on mouse and keyboard skills developed in Year 1 when accessing classroom computers as well as touch screen technology when using the classroom interactive whiteboard. Children use tablets to explore applications such as Google Earth and photo editing software. Children use PurpleMash to complete tasks set as home learning. Building on their Year 1 e-safety learning, children apply their e-safety skills to personal safety, communicating online and reliability of internet sources.

What happens if my child struggles and finds it hard?:

- ✓ Extra adult support within lessons
- ✓ Specific vocabulary is explicitly taught and explained
- ✓ Practical experiences used to reinforce learning
- ✓ Extra time given for exploration of new devices
- ✓ Adapted resources to fit needs of children

What if my child is showing secure understanding, how are they challenged?:

- ✓ Targeted questioning to further deepen understanding
- ✓ More opportunities for cross-curricular learning, e.g. researching topics online
- ✓ Embedding knowledge by explaining a concept to another child using appropriate vocabulary
- ✓ Broaden and extend computing skills by using more complex programs, e.g. applying 2DIY3D skills to Scratch



What learners at East Preston Infants say about Computing:

“We were doing some editing. I clicked on the photo and then the pens and then drew on it.” (Year 2)

“I made a game for a teddy to find the blanky I love – he has to go up, up and then he turns to the side and goes forwards that way!” (Year 1)

“We use the buttons – if you press forward and that button [go] then it goes forward.” (Reception)



Successes in 2023-2024:

- Computing curriculum reviewed to include digital literacy, computer science and information technology.
- Displays in Computing Suite reflect the progression of children’s learning across the school.

Focus for 2024-2025:

- Review the assessment of computing to further support teacher assessments.
- Replace some older resources so that children have access to high quality technology to support their learning.