

## What Computing looks like at Claybrooke & Dunton Bassett Primaries



*This is our philosophy:*

- Everyone can learn and be successful in computing.
- Switched on Computing approach.



*What Computing Lessons look like in our school:*

- In computing lessons children follow the National Curriculum programme of study for computing. We group the subject content statements under three headings:
- Digital Literacy; using IT purposefully, creatively and safely
- Computer Science; developing computational thinking and programming skills,
- Computers, Networks and the Web; understanding how computers, networks and the web function.

The chart below highlights six key areas in a Computing lesson and details what might be happening:

<p><b>Teachers who...</b>                      re-cap previous learning                      model ideas and concepts                      use subject-specific vocabulary carefully and precisely.                      deliver engaging activities, through careful choice of activities and use of variation                      use a C-P-A approach                      use AfL questioning skilfully                      use intervention across the whole room at the point of need for individuals or groups.                      guide children to use computing equipment appropriately                      mark over the shoulder, giving instant feedback</p>	<p><b>Children who...</b>                      engage and are confident.                      demonstrate learning behaviours (R2R)                      reason and can explain their thinking clearly                      can use partner talk or group talk to help them                      are willing to take risks and challenge themselves                      can choose appropriate apparatus                      practise skills and problem-solve                      explore through play and computing games</p>
<p><b>Support Staff who..</b>                      are knowledgeable following training                      are pro-active                      take the initiative                      are well-directed                      prepare resources for teaching                      clarify instructions for targeted children 1:1                      lead a group in the classroom</p>	<p><b>Equipment being used might include...</b>                      Resources to support                      ipads                      laptops</p>
<p><b>Computing outcomes show...</b>                      differentiation in the form of: level of support, use of equipment, time given, challenges and scaffolding.                      a variety of tasks (a mastery approach)                      problem-solving activities                      photos of practical Computing activities                      next steps to support, scaffold and challenge</p>	<p><b>A mastery approach that means...</b>                      acquiring a deep, long-term, secure and adaptable understanding of the subject. It is demonstrated by how skilfully a child can apply their learning in computing to new situations in unfamiliar contexts.</p>

This is what we do:

- Planning follows the 'Teach Computing' scheme.
- E-safety is supported through range of resources including 'Project evolve'
- <https://projectevolve.co.uk/toolkit/>
- Communicate to parents about relevant e-safety information (eg: on newsletter)
- Raised profile of Computing

This is how we know how well our pupils are doing:

- Pupil interviews
- Work scrutiny, learning walks, pupil interviews
- Teacher assessment
- Feedback
- TA/Teacher conversations

This is the impact of the teaching:

- Confident children who can interact, explore, solve problems and talk effectively about Computing