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| Leintwardine Endowed CE Primary School Learning Journey Itinerary | | | | | | |
| ‘Letting Our Light Shine’ | | | | | | |
| SUBJECT : Computing | YEAR : A | TERM : Spring 1 | | | YEAR GROUPS : 3/4 | |
| Key Question : What is inside my computer? | | | | | | |
| Previous Knowledge – We would expect children to already be able to:  Describe different peripherals used on a computer.  Recognise common uses of information technology beyond school.  Explain that computers and other devices have components on the inside.  Using device functions for 2-way communications via the world wide web.  How to use the internet to search or share. | | | | | | |
| END OF UNIT OBJECTIVES | | | | | | |
| Some children will not yet have met what is expected and will show that they are **emerging** because they can: | Most children will show that they have reached the **expected** level because they can: | | | Some children will have gone beyond the expected level and will show that they are **exceeding** because they can: | | |
| * understand what hardware is and that specific components allow computers to join and form a network * recognise some hardware parts that relate to networking * with some support, children can create their own hardware leaflet | * recognise the main component parts of hardware which allow computers to join and form a network * know the difference between hardware and software * create their own leaflet to share their understanding of Computer Hardware | | | * recognise the components parts of hardware which allow computers to join and form a network * explain that there are different types of network and how they are connected. * create their own leaflet to share their understanding of Computer Hardware and can compare physical network connections with wireless connections. * know the difference between hardware and software and list examples | | |
| **ASSESSMENT OPPORTUNITIES**  Discussions within lessons.  Assessment based on information in leaflet about hardware. | | | | | | |
| **ENRICHMENT OPPORTUNITIES**  **Helping children to remember more**   * Hands on experience with physical computer components | | | **SUBJECT SPECIFIC VOCABULARY**  components  CPU  graphics card  hard drive  input  motherboard  network card  output  peripherals  RAM  software | | | **CROSS-CURRICULAR LINKS**  **Links that we can make to help children make sense of what we want them to know and be able to do.** |