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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
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| **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**componentsCPUgraphics cardhard driveinputmotherboardnetwork cardoutputperipheralsRAMsoftware | **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.** |