

# Leintwardine Endowed CE Primary School Learning Journey Itinerary

*'Letting Our Light Shine'*

SUBJECT : Computing      YEAR : A      TERM : Spring I      YEAR GROUPS : 5/6

**Key Question: How do computer communicate to each other?**

Previous Knowledge – We would expect children to already be able to:

- Understanding of the hardware components that make devices function including those for networking
- Using device functions for 2-way communication via the World Wide Web

## END OF UNIT OBJECTIVES

Some children will not yet have met what is expected and will show that they are <b>emerging</b> because they can:	Most children will show that they have reached the <b>expected</b> level because they can:	Some children will have gone beyond the expected level and will show that they are <b>exceeding</b> because they can:
<ul style="list-style-type: none"> <li>• Children are aware there is a difference between the Internet and the World Wide Web and can show all the things they use the internet for using 2Connect.</li> <li>• Children know there are different network types such as WAN and LAN and can provide some insight into how they access the internet at school.</li> </ul>	<ul style="list-style-type: none"> <li>• Children can explain the difference between the Internet and the World Wide Web and can show all the things they use the internet for using 2Connect.</li> <li>• Children know what a WAN and LAN are and can describe how they access the internet in school.</li> </ul>	<ul style="list-style-type: none"> <li>• Children know difference between the Internet and the World Wide Web and can provide examples. They can show the main uses for the internet using 2Connect.</li> <li>• Children can explain the differences between more than two network types such as: LAN, WAN, WLAN and SAN. In greater detail, children can describe how they access the internet at school and the hypothetical connections their computing device makes.</li> </ul>

## ASSESSMENT OPPORTUNITIES

Create a poster from their research and present their ideas to the rest of the class.

## ENRICHMENT OPPORTUNITIES

**Helping children to remember more**

Using the ipads to explore the internet

## SUBJECT SPECIFIC VOCABULARY

Internet, world wide web, website, network, web server, web page, hosting, data. LAN, WAN, WLAN, router, hub/switch, Ethernet, wi-fi, search engine, IP address, ASP, DNS.

## 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.**