What I need to know:
Y3 – Computing systems, networks and the internet

We nurture the curiosity to learn, the courage to lead and the compassion to care.

Name: Class:

For the next 5 weeks we are learning about networks and how information moves around the internet

What I will know…	✔	Start	End
How information moves around a network and the role of the server.		◯	◯
Understand that networks connect to the internet via a router.		◯	◯
Recognise that a network is two or more devices connected.		◯	◯
That some of the journey a website goes through to reach your computer.		◯	◯
Explain that websites are split into small pieces (packets) to be sent via the internet.		◯	◯

Skills I may use…	
Remember: name, identify, describe	**Analyse**: investigate, infer, select, clarify
Understand: predict, recall, interpret	**Create**: plan, design, construct
Apply: use, show, relate, demonstrate	**Evaluate**: compare, assess, judge

Vocabulary I need to know…		
1. I have heard the word, but I don't know what it means	2. I understand what the word means	3. I can explain what the word means and give other examples
Network, router, website, files, links, data, cables, component, connection, corrupted, desktop, device, DSL, fibre, laptop, network map, network switch, packets, radio waves, server, submarine cables, tablet, The cloud, Web server, Website trackers, wired.		

Opportunities to support English and maths
• Create a map explaining the journey of a video on the internet to their screen. Text mapping. • Image map – wired/Wifi • Glossary of terms to be created throughout topic

Enrichment
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Respect   Responsibility   Reflection   Resilience