



Computing		Year 6	
<b>Focus: Communication and collaboration</b>			
Age related vocabulary			
<b>Transfer</b>	the process of copying or moving from one computer to another over a network or internet connection	<b>Protocol</b>	a standardized set of rules for formatting and processing data
<b>Router</b>	a device that connects two or more packet-switched networks or subnetworks		

Carlton Assessment Grid			
Success Criteria	Pupil Reflection		Teacher Assessment
	Before	After	
I can explain that internet devices have IP addresses	<input type="checkbox"/>	<input type="checkbox"/>	
I can explain that all data transferred over the internet is in packets	<input type="checkbox"/>	<input type="checkbox"/>	
I can recognise how to access shared files stored online and how to send information over the internet in different ways	<input type="checkbox"/>	<input type="checkbox"/>	
I can explain how the internet enables effective collaboration	<input type="checkbox"/>	<input type="checkbox"/>	
I can choose methods of communication to suit particular purposes	<input type="checkbox"/>	<input type="checkbox"/>	
I can explain that communication on the internet may not be private	<input type="checkbox"/>	<input type="checkbox"/>	

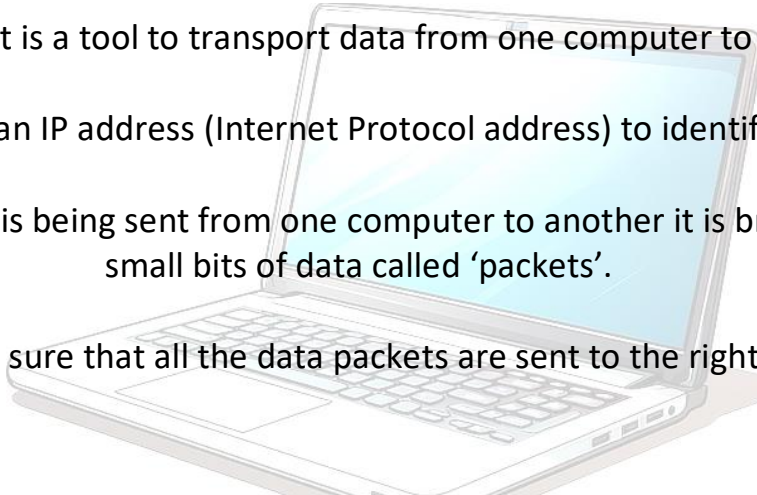
**Key Knowledge**

The internet is a tool to transport data from one computer to another.

Computers use an IP address (Internet Protocol address) to identify each other.

When information is being sent from one computer to another it is broken down into small bits of data called 'packets'.

Routers make sure that all the data packets are sent to the right computer.





CARLTON  
PRIMARY SCHOOL

Subject Knowledge Bank