

## What I need to know: Y6 ICT – Data Handling

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

Name:

Class:

For this term we are looking into online safety as well as data handling.

What I will know...	✓	Start	End
Understand why barcodes and QR codes were created		<input type="radio"/>	<input type="radio"/>
Create (and scan) their own QR code using a QR code generator website		<input type="radio"/>	<input type="radio"/>
Explain how infrared can be used to transmit a Boolean type signal		<input type="radio"/>	<input type="radio"/>
Explain how RFID works, recall a use of RFID chips and type formulas into spreadsheets		<input type="radio"/>	<input type="radio"/>
Take real-time data and enter it effectively into a spreadsheet		<input type="radio"/>	<input type="radio"/>
Present data collected as an answer to a question		<input type="radio"/>	<input type="radio"/>
Recognise the value of analysing real-time data		<input type="radio"/>	<input type="radio"/>
Analyse and evaluate transport data and consider how this provides a useful service to commuters.		<input type="radio"/>	<input type="radio"/>

Skills I may use...	
<b>Remember:</b> name, identify, describe	<b>Analyse:</b> investigate, infer, select, clarify
<b>Understand:</b> predict, recall, interpret	<b>Create:</b> plan, design, construct
<b>Apply:</b> use, show, relate, demonstrate	<b>Evaluate:</b> 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
RFID, Boolean, barcodes, QR codes, infrared, data		

Opportunities to support English and maths
<ul style="list-style-type: none"> <li>Skim and scan texts to retrieve information or quotes quickly and accurately</li> <li>Summarise main ideas from more than one paragraph</li> <li>Make and justify inferences with appropriate evidence from the text</li> <li>Provide reasoned justifications for their views, quoting evidence from across a text</li> </ul>

Enrichment
<ul style="list-style-type: none"> <li>Visit / visitor</li> </ul>

**Respect**

**Responsibility**

**Reflection**

**Resilience**