What I need to know: Y6 ICT- Skills showcase: Inventing a product

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

Name: Class:

For this term we are looking into Inventing a product.

What I will know…	✔	Start	End
How to evaluate code, understanding what it does. adapt existing to code for a specific purpose.		◯	◯
How to debug programs and make them more efficient using sequence, selection, repetition or variables.		◯	◯
How to design appropriate housing for their product using CAD software, including any input or output devices needed to make it work.		◯	◯
How to create an appealing website for their product, aimed at their target audience which explains what their product is and what it does, using persuasive language.		◯	◯
How to create an edited video of their project, articulating the key benefits.		◯	◯
,describe and show how to search for information online and be aware of the accuracy of the results presented.		◯	◯
		◯	◯
		◯	◯

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
Adapt, Advert, Algorithm, Bugs, Coding, Debugging, Design, Edit, Electronic, Evaluate, Facts, Image rights, Images, Influence, Information, Inputs, Loops, Manipulation, Opinions, Output, Photos, Product, Program, Repetition, Screenshot, Search engine, Selection, Sequence.		

Opportunities to support English and maths
• Skim and scan texts to retrieve information or quotes quickly and accurately • Summarise main ideas from more than one paragraph • Make and justify inferences with appropriate evidence from the text • Provide reasoned justifications for their views, quoting evidence from across a text

Curriculum Links and Enrichment Activities
• Visit / visitor