

DT: Digital Technology: Mindfulness Timer

Key Vocabulary:

Evaluate	Make a judgement about a product by identifying its strengths and weaknesses to inform improvements.
Design Criteria	The requirements that a product needs to be successful
Programme	A sequence of instructions that tells a computer or device what to do and when
Prototype	A first version of a product, made using cheaper materials, which can then be developed based on feedback.
Brand Identity	A combination of techniques, such as logo, colour, packaging and advertising, that helps a product appeal to its target audience.



Sticky Knowledge Facts:

- Designers evaluate existing products to help inform their own design by considering the advantages and disadvantages of different products.
- Design Criteria are a list of requirements the product needs to succeed.
- A programming code controls a timer. Programmers will create coding blocks to create loops and will go through an ongoing process of testing and debugging to make sure it works.
- Prototypes are important because they allow designers to test an idea's form and function using inexpensive materials. Further prototypes can be developed until the design is successful.
- Companies develop their brand identity through a combination of techniques, such as logo, colour, packaging and advertising, that helps a product appeal to its target audience.
- Evaluating against the Design Criteria helps us to identify improvements we would make to our design to make a more effective product.

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