

## OBHS Core Questions:

Subject: Computing

Year and Term: Year 7 Autum 2

Topic: Computational Thinking



Learn these questions to build a strong foundation of knowledge for this half-term. Ask family or friends to test you regularly, or practise on your own using the 'Look, Say, Cover, Write' method.

	Question	Answer
1.	What is Decomposition?	Breaking a problem down into smaller parts
2.	What is Abstraction?	Identifying the important details of a problem
3.	What is an Algorithm?	A series of instructions for solving a problem
3.	How would you use Decomposition to design a Computer Game?	Identify the different features of the game. For Example: the points, the characters, the enemies ect.
4.	How does Abstraction help us solve a problem?	Helps us focus on what information we need to know, helps make a problem less complex
5.	Why do Algorithms need to be specific?	Computers are dumb! They will do EXACTLY what you tell them