

# Merry Hill Infant School and Nursery - Knowledge organiser

## Computing

Topic: Lego Builders

Year Group : 1

Term: Autumn 2

### Key Knowledge

Why do we need to follow instructions carefully?

If we don't follow the instructions carefully then we might not end up with the right thing.



Why do instructions need to be clear?

If instructions are not clear then the user might make mistakes.



3) Put cheese on the bread.

The instructions didn't say to cut the cheese first.

The instructions didn't say how or what shape to cut the sandwich.



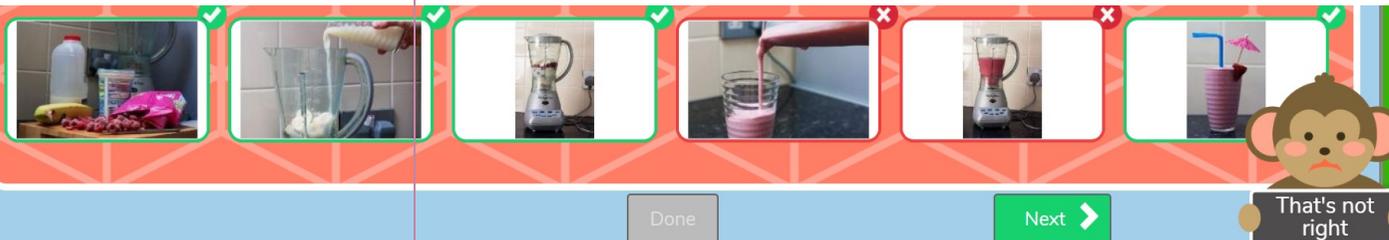
5) Cut up the sandwich.

### Key Vocabulary

Algorithm	A clear set of step by step instructions.
Computer	An electronic device
Debugging	Finding a problem with a program and trying to fix it.
Instructions	Instructions give information about how to do or use something.
Machine	Something made to do a task, making things easier for people.
Program	An algorithm that can be followed by a machine.

Why do we need to debug?

We need to debug code because we don't always get it right the first time.



We can't pour the smoothie in to the cup before we have blended it together.