

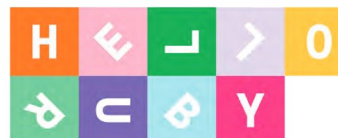
## Glossary:

- **Algorithm** - a clear set of instructions to carry out a task.
- **Code** - A set of instructions written in programming language, to tell a computer what to do.
- **Instruction** - A list of commands and directions on how to do something.
- **Decompose** - To break something down into smaller chunks.
- **Loop** - A repeated sequence of instructions.
- **Predict** - To make an educated guess, as to what might happen or occur as the result of something in the future.



## Algorithm for making a hot chocolate:

1. Fill the kettle with water
2. Boil the water
3. Fill a mug with the boiled water
4. Add a teaspoon of cocoa powder
5. Add a drop of milk
6. Stir well



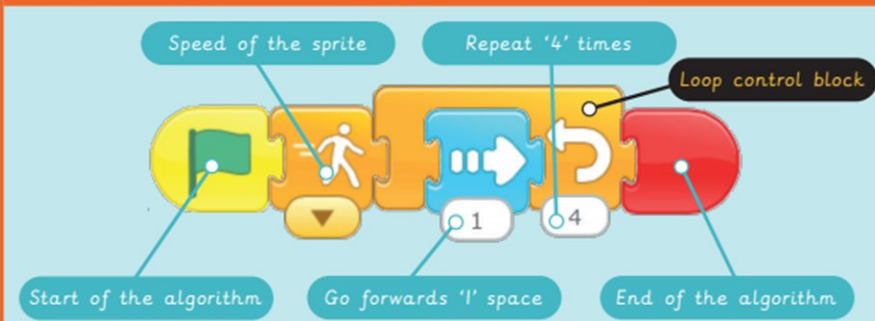
## Adventures in Coding



## Sticky Knowledge:

- To know that computers need programs to achieve a specific goal.
- To know that programs execute by following precise and unambiguous instructions.
- To know there are different coding languages.

## A Scratch JR algorithm with a loop:



## Scratch JR is an application for tablets.



## Code blocks let you build algorithms:

### Triggering blocks:



### Motion blocks:



### Looks blocks:



### Sound blocks:



### End blocks:

### Control blocks:

