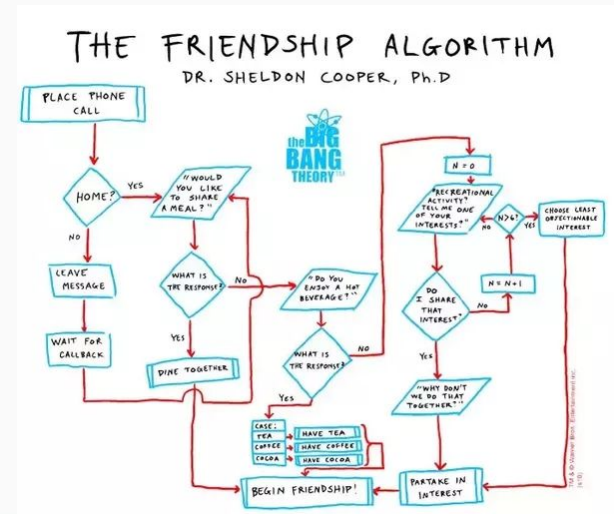
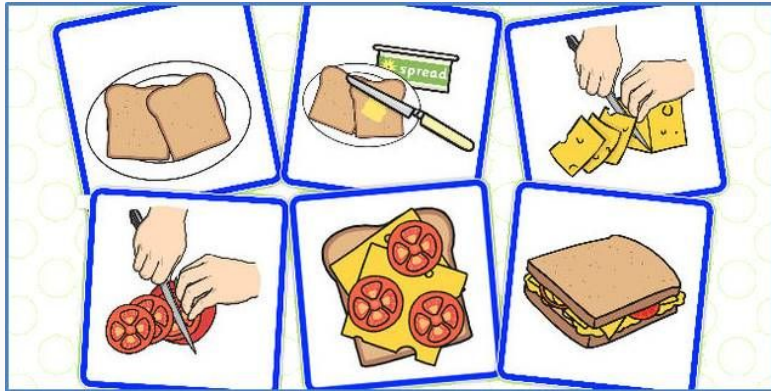


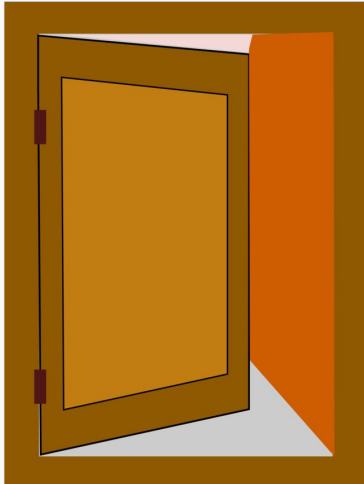
# What are Algorithms?

An **algorithm** is a detailed step-by-step set of instructions used to solve a problem or complete a task.

They are usually generalized and repeatable; they create a particular output given a set of inputs. In a way, **recipes** are like algorithms!



Get our volunteer out of the door!  
Hurry...the bathroom is calling!



Get me to the star! Today, I will be your own personal robot! You must work with your group to get me there.



## Your Turn! (Classwork)

The output is to get me to the start.

List the set up inputs that will guide the group to get me to the star.

Step 1	
Step 2	
Step 3	
Step 4	
Step 5	
Step 6	

## Your Turn! (Homework)

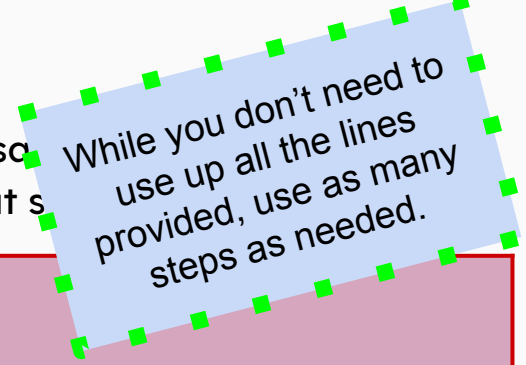
The output is to teach us how to make your favorite sandwich.

List the set up inputs that will guide us in making that sandwich.

Step 1	
Step 2	
Step 3	
Step 4	
Step 5	
Step 6	

**Your Turn!**

The output is to teach us how to make your favorite sandwich.  
List the set up inputs that will guide us in making that sandwich.



Step 7	
Step 8	
Step 9	
Step 10	
Step 11	
Step 12	