

**It is a way of thinking**  
**It is making the impossible possible**  
**It is creating solutions to problems in everyday life**

**It is not thinking like a computer**  
**It is not always using a computer as the solution**  
**It is not limiting creativity**

### **Making mistakes**

I know when I make a mistake.  
I can react appropriately to things going wrong and return to the same task.

### **Pattern recognition**

I can recognise something I have done before.  
I can identify the correct solution to a problem when given a choice.

# **The Computational Thinker:**

Attitudes and Skills



## **Foundation Stage**

Playing and exploring  
Active Learning  
Creating and thinking critically

### **Perserverance**

I can attempt a task of someone else's choosing.  
I can attempt an activity more than once if I cannot do it the first time.  
I will attempt to solve a problem.

### **Decomposition**

I know where to start when I need to do something.  
I do something a step at a time.

### **Imagination**

I am willing to have a go at new things.  
I will try something out.

### **Algorithm design**

I can follow a set of simple instructions.  
I know what I need to do next.

### **Collaboration**

I can 'ask' for help appropriately.  
I understand that asking for help can help me solve a problem.  
I can share an activity with an adult or a peer.  
I can take turns.  
I can help others by communicating what they need to complete an activity.

### **Abstraction and generalisation**

I can identify what is needed to complete a task.  
I can identify what is not needed to complete a task.  
I can do the same thing in different contexts.

**Attitudes**

**Skills**

