



## **Donabate Dojo : Scratch++ class**

The Scratch++ class gives you two things. This card is the 'What-to' card and gives you the basic Idea or plot of what we will be designing and coding today. The other set of cards are the 'How-to' cards and give you some basic tools to make things happen.

You can work together in teams or on your own.

It is your game or app so you pick how it works and what it does. If you get stuck – 'Ask three then ask me' (that means ask the other ninjas round you first – they often have better ideas than me).

### **Today's plot : Snakes**

Snakes – reptiles without legs, but they still move pretty fast. Lots of People are scared of them – which makes for excellent games :)

#### **Easy plot idea**

Looking down on the maze it would be quite easy to follow the path To the end and get out or get to the thing you are trying to find, but this maze has snakes in it !

Do the snakes move towards you ? Or do they follow a set path ?  
Can the snakes go through walls or do they follow the same path you do ?

What do you have to find at the end ?

#### **Advanced plot idea**

Another great game involving snakes is 'snakes and ladders'. Can you make a snakes and ladders game in scratch ? How would you make the player follow the rules ? How about colouring in different squares different colours. The squares at the end of each line would be a different colour to tell the player to change direction and go up a row. The snakes and the ladders could be different colours so you follow them when you land on them