

What is a Terrarium?

Think about your Spanish!

Terrariums

Self contained eco systems

Terrariums



Brief

Terrific terrariums inc. have had mathematicians design a new tessellating terrarium which has been constructed and tested for strength by their engineers.

The company have decided that to have the edge on their rivals that they should offer the design in a variety of coloured glass. They have asked you as a scientist to test whether this will affect the growth of the plants.

Terrariums

Aim

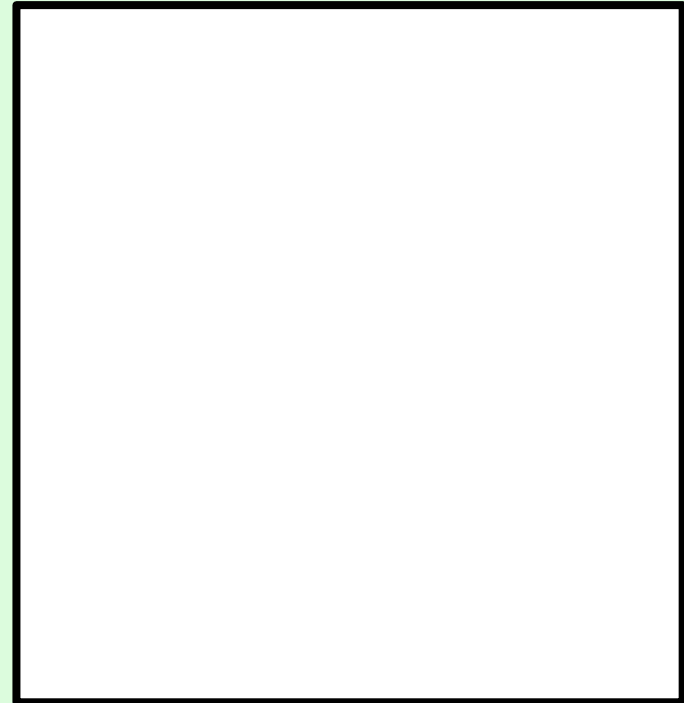
I am going to investigate
how the colour of terrarium
affects the growth of plants

Planning

Terrariums

Variables

What factors would change the environment in the terrarium?



Independent Variables

Dependent Variables

Control Variables

How are you going to keep the variable as a control?

Terrariums

Recording results

How can I measure how well the plants grow?

Method	Advantage	Disadvantage
Number of seeds that germinate	Easy to count	

Terrariums

Method

Water - 25ml

Position - window sill

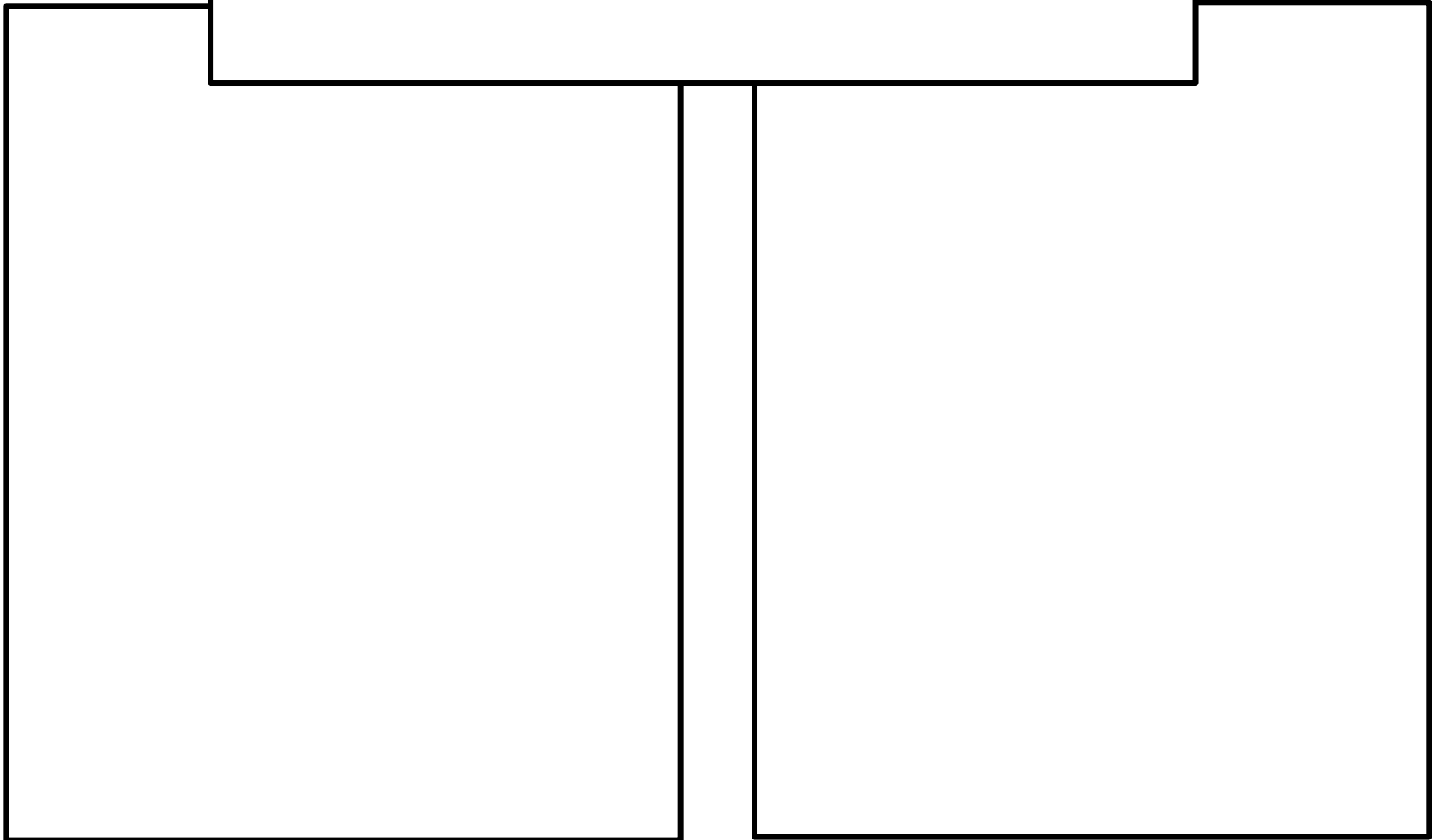
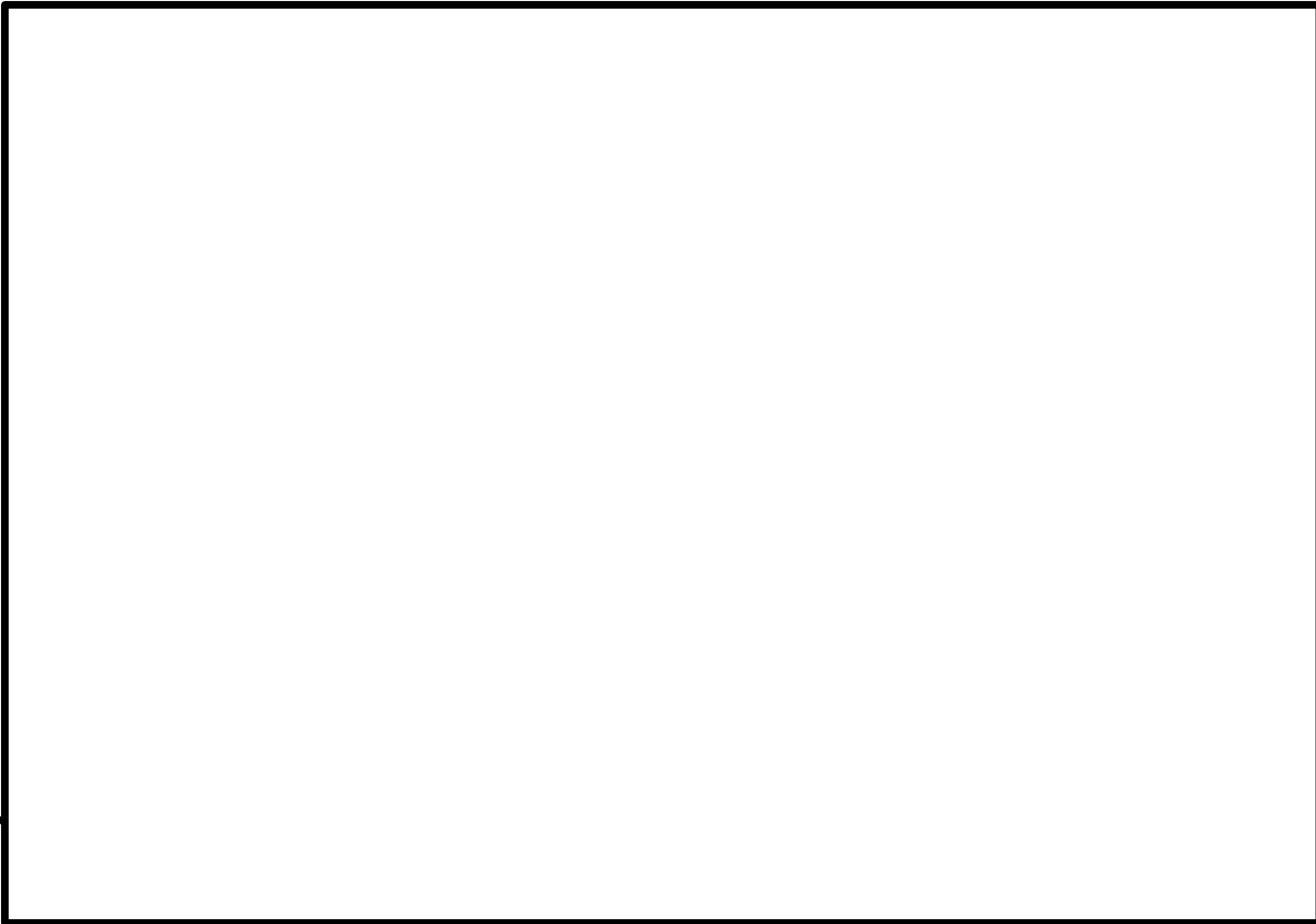
Type of Seeds - Cress

Number of Seeds - Count 50 seeds

Cotton wool - enough to fill the bottom (i.e. make a nice bed)

Size of terrarium - 890 ml

Terrariums



Examples