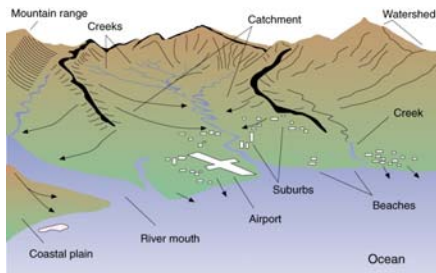


# An Investigation on Sedimentation

What is sedimentation?

Sedimentation is . . .



**AIM** (what are we trying to find out):

To find out how much sediment is in water when it is poured over (in an attempt to simulate run-off) an area with root-bearing plants growing on it compared to an area with no plants.

**HYPOTHESIS/PREDICTION** (what do I think will be the result):

I think that . . . .

**EQUIPMENT** (what will we need):

6 x plastic containers (old Chinese takeaway containers are perfect)

Dirt (sediment)

Grass plus it's associated dirt (sediment)

2 x beakers

A suitable device for making holes in plastic containers

2 x grey trays

2 x Petri dish's

Stopwatch or classroom clock

**METHOD** (how are we going to carry out the experiment – step by step):

**Variables (the factors which will affect our results):**

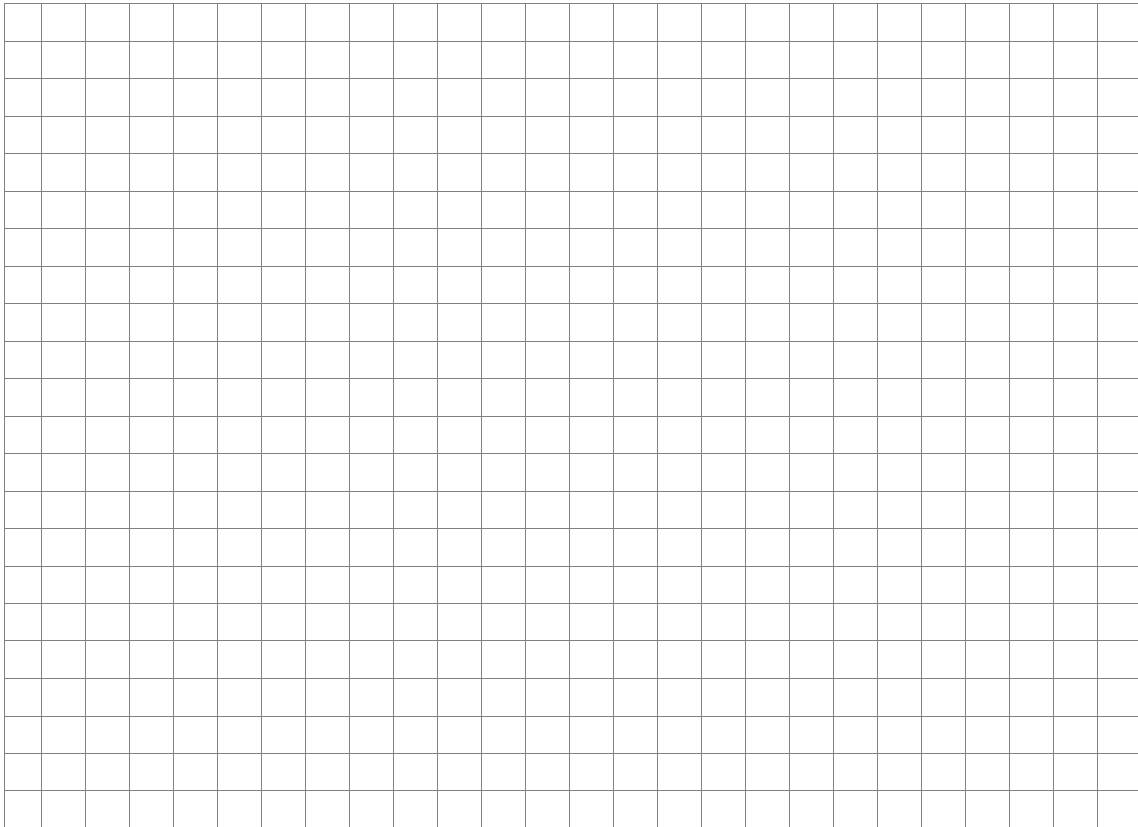
Independent variable (what are we going to change):

Dependent variable (what are we going to measure):

Fixed/Control variables (what will we keep the same):



**Graph** (ONLY graph the averages):



**CONCLUSION** (what was your result; what does the graph say; answer your aim):

**DISCUSSION** (why did you get the result you did; explain what was happening):

**EVALUATION** (what could of you done to make the experiment more interesting):