**Effect of Carbon in the Atmosphere Investigation Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**This part of the investigation is worth 10% of your overall grade**

**Purpose**: To monitor the effect of CO2 on the growth rate of grass seeds over 12 days

In Australia there are major discussions happening about a carbon tax and the effect of carbon dioxide in our atmosphere. To make educated contributions to any discussion we need to investigate the actual effects of carbon dioxide in the atmosphere.

**Materials**

* 2 Chinese containers
* Grass seeds
* Cotton wool
* Glad wrap
* 4 straws
* Flask with stopper
* delivery tube
* CaCO3 chips andHCl 2M
* Stick tape/plasticine

1. You will need to set up your investigation as shown for growing grass seeds.
2. You will have to record the growth over a two week period, to observe the effect of carbon on plant growth.
3. It is preferable to set up your investigation on **Thursday or Friday** so the seeds can germinate over the weekend and then you are able to monitor their growth for 2 week

