BIOGAS VARIABLES

Feedstock

I choose to change the variable 'feedstock' in my test biogas plant experiment.

When changing a variable in an experiment, it is important to keep all other variables the same.

Read through the instructions for making a biogas plant. Instead of using feedstock paste 1, now use feedstock paste 2. Keep all of the other variables the same. Controlling variables like this is good experimental procedure, and results in a fair test.

Examples of variables: feedstock type, feedstock volume, temperature, light level, size of bottle. **Can you think of any others?**

Light level

I choose to change the variable 'light level' in my test biogas plant experiment.

When changing a variable in an experiment, it is important to keep all other variables the same.

Read through the instructions for making a biogas plant. Instead of placing your biogas plant out of direct sunlight, put it in a dark place, like a cupboard. Keep all of the other variables the same. Controlling variables like this is good experimental procedure, and results in a fair test.

Examples of variables: feedstock type, feedstock volume, temperature, light level, size of bottle. **Can you think of any others?**

Temperature

I choose to change the variable 'temperature' in my test biogas plant experiment.

When changing a variable in an experiment, it is important to keep all other variables the same.

Read through the instructions for making a biogas plant. Instead of leaving your biogas plant at room temperature, place your biogas plant in the fridge. Keep all of the other variables the same. Controlling variables like this is good experimental procedure, and results in a fair test.

Examples of variables: feedstock type, feedstock volume, temperature, light level, size of bottle. **Can you think of any others?**