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### Activity sheet

#### What happens when acids react with metals and carbonates?

You are going to check what you understand about this.

Name .....

Tick a traffic light box to show how well you understand at the moment.

**I think that I understand what happens when acids react with metal**

Green

Yellow

Red

**I think that I understand what happens when acids react with carbonates**

Green

Yellow

Red

**With two other students,**

look at the 10 cards that you have been given and sort them into:

**statements that we think are true**

**statements that we think are not true**

**statements that we are not sure about**

**Tick boxes on your sheet** to show which pile you have put the cards into.

If you think a statement is not true, write down why.

**Join a new group** with two students from different groups.

Compare your sheets to see if they have the same or different ideas.

On your response sheet, note down any other good ideas.

**Return to your first group.**

Talk about what you have learned from other groups.

Decide if you need to move any of the cards.



After the class discussion,

**Tick a traffic light box** to show how well you understand now.

**I think that I understand what happens when acids react with metal**

Green

Yellow

Red

**I think that I understand what happens when acids react with carbonates**

Green

Yellow

Red

**Complete the sentence below:**

I am still uncertain about