

S1 Science: how well is your learning progressing?

Key area 2: The Universe formation.	I can do this.	I need to go over this.	I don't know this.	Level
I can describe what the term "big bang theory" means				3
I can describe a piece of evidence to support the big bang.				3
I can identify hydrogen by carrying out an experiment.				2
I can state the age of the universe and, through calculation, work out the when the major events in the universe took place.				3
I can classify substances as solids, liquids or gases.				3
I can use particle diagrams to show particle arrangements in solids, liquids and gases.				3
I can plan an experiment to show the three phases of water.				3
I can describe the temperature when solid turns to liquid as the melting point.				3

I can describe the temperature when liquid turns to gas as boiling point.				3
I can describe that the melting point and freezing point are at the same temperature for a substance.				3
I can state what the solar system consists off.				2
I can state the names of the planets and the order they appear.				2
I can carry out research on a planet to learn about it in more detail.				3
I can appreciate the scale of the solar system.				3
I can tell the difference between a star and planet in the sky.				2
I can appreciate how our knowledge of the solar system and universe has changed.				3
I can describe some of the barriers to early astronomy.				3