

S3 Science: how well is your learning progressing?

Key area 2: DNA and cells.	I can do this.	I need to go over this.	I don't know this.	Level
I can state the basic structure and function of DNA.				3
I can express an informed view of the risks and benefits of DNA profiling.				3
I can debate the moral and ethical issues of some controversial biological techniques.				4
I can describe the process of cell division.				4
I can state that cell division is needed for growth and repair.				4
I can discuss how some cells (like stem cells) can be used therapeutically.				4
I can describe how new developments in Science can impact on modern life.				4
I can state the meaning of the terms chromosome and gene.				4
I can distinguish between inherited and non-inherited characteristics.				2
I can state how characteristics are inherited.				4
I can use a monohybrid cross to follow patterns of inheritance.				4
I can use my understanding of how characteristics are inherited to solve simple genetic problems.				4