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**S3 Science: how well is your learning progressing?**

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| **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** |