

Lower School Report 3 | Year 7 Summer Term

Attainment Descriptors

Developing	Improving	Meeting	Exceeding
Students rarely demonstrate that they have met any of the criteria.	Students occasionally demonstrate that they meet some of the criteria for the term.	Students demonstrate that they regularly meet most of the criteria below.	Students almost always demonstrate that they meet all criteria. Often, they will take advantage of opportunities to broaden their understanding of the subject.

Year 7 Science Students work in rotation throughout the year. This means that not all students will have studied the same topics at the time of report issue. Below is a table detailing which topics have been covered by each group. If students have not covered a topic this term, they will do so next term.

Biology Genes	Chemistry Earth	Physics Investigation

Subject	Learning Criteria	Resources to support your child at home
Biology Genes	<p>Students can describe the causes of variation.</p> <p>Students can explain whether characteristics are environmental or inherited.</p> <p>Students can explain how organisms adapt to environmental change.</p> <p>Students can describe the main changes that take place during puberty.</p> <p>Students can describe the structure and functions of male and female reproductive organs and the process of fertilisation.</p> <p>Students understand the development of a foetus.</p> <p>Students can describe the main stages of the menstrual cycle.</p>	<p>https://www.bbc.co.uk/bitesize/topics/zpfr82/articles/z6s26yc#zm33f82</p> <p>https://www.bbc.co.uk/bitesize/topics/zyb bkqt/articles/zwb6xbk</p>

<p>Chemistry Earth</p>	<p>Students can compare the layers of the Earth.</p> <p>Students can explain the rock cycle and how sedimentary, metamorphic and igneous rock are formed.</p> <p>Students can describe the properties of ceramics.</p> <p>Students can describe the structure of the Universe.</p> <p>Students can explain the Solar System and how it moves.</p> <p>Students can describe the appearance of the Moon</p> <p>Students understand how we get night and day and the different seasons.</p>	<p>https://www.bbc.co.uk/bitesize/topics/zgvbkqt/articles/zphthcw</p> <p>https://www.bbc.co.uk/bitesize/topics/z3fv4wx/articles/zpygcmn</p>
<p>Physics Investigation</p>	<p>Students can plan a scientific investigation.</p> <p>Students can describe independent, dependent and control variables.</p> <p>Students can work together as a team to accurately collect data.</p> <p>Students understand the different ways to present scientific results.</p> <p>Students are able to present and discuss their experiment to the class.</p> <p>Students are able to present and discuss their experiment to the wider community as part of the Summer fair.</p>	<p>https://www.bbc.co.uk/bitesize/topics/zb8fn9q/articles/zxn896f</p> <p>https://www.bbc.co.uk/bitesize/topics/zb8fn9q/articles/zhmbvwx</p>