**Science Practices**

**Science Practice 1:** The student can use representations and models to communicate scientific phenomena and solve scientific problems.

**Science Practice 2:**The student can use mathematics appropriately.

**Science Practice 3:**The student can engage in scientific questioning to extend thinking or to guide investigations within the context of the AP course.

**Science Practice 4:**The student can plan and implement data collection strategies in relation to a particular scientific question. (Note: Data can be collected from many different sources, e.g., investigations, scientific observations, the findings of others, historic reconstruction and/or archived data.)

**Science Practice 5:**The student can perform data analysis and evaluation of evidence.

**Science Practice 6:**The student can work with scientific explanations and theories.

**Science Practice 7:**The student is able to connect and relate knowledge across various scales, concepts and representations in and across domains.

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