**Year 9 Science**

**Homework Timetable**

**Message to parents**

This homework timetable provides an overview of when homework is set and the deadline for submission. It is important that a degree of flexibility is allowed in these dates. The dates for issuing and submitting homework will be given as lesson numbers.

There may also be additional pieces of homework issued to students which are not on this timetable.

**Please check your child’s planner frequently for more precise dates and times of when homework is issued and needs to be submitted.**

**Ecology**

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| **Date Homework is Set** | **Description of Homework** | **Resources Needed** | **Date Homework is Due** |
| Lesson 1 - | Students are asked to make a poster of the 5 Kingdom Classification System.  This should include named examples of organisms within each class.  Ext – Name the organisms using their Latin ( taxonomic) names e.g. *Calluna vulgaris* (common heather) | Access to the internet to research the Latin names of organisms. | Lesson 3 |
| Lesson 3 - | Complete evolutionary tree exam style questions | Will be given during the lesson.  Found in year 9 homework folder | Lesson 4 |
| Lesson 4 - | Answer the remaining 4 challenge questions from the lesson | Will be given during the lesson.  Found in year 9 homework folder | Lesson 5 |
| Lesson 5 - | Exam style and comprehension questions Red and Grey squirrel competition. | Given during lesson – Found in year 9 homework folder | Lesson 6 |
| Lesson 6 - | Revision for assessment | Class notes and internet | Lesson 7 Assessment |
| Lesson 8 - | Produce a poster or media presentation to show plants, animals, and microorganisms with labelled adaptations and explanations of how these help them survive in their habitat. | Class notes and internet research. | Lesson 10 |
| Lesson 9 - | Estimating population size – Complete the report on sampling | To be given in lesson.  Found in year 9 homework folder | Lesson 10 |
| Lesson 12 - | Literacy – Answer the questions on the carbon cycle in Full sentences. | To be given in lesson.  Found in year 9 homework folder | Lesson 13 |
| Lesson 13 - | Revision for Assessment | Class notes and internet | Lesson 14 Assessment |
| Lesson 15 - | Evaluate the increasing risks of pollution and acid rain in the environment –  Students to prepare an information leaflet on the dangers of pollution and how we can reduce this | Class notes and internet. | Lesson 17 |
| Lesson 18 - | Newspaper Article for…   * A scientific journal * Tabloid newspaper * Environmental News * Burger chain   **Present a bias of choice to suit the article.**   1. Explain how deforestation increases the amount of **carbon dioxide** in the atmosphere and leads to a **reduction in biodiversity**. 2. Explain how deforestation could lead to an increase in **methane** in the atmosphere. Explain why vast tropical areas have been **cleared of trees**. 3. Explain what **peat** is and why it is important to preserve areas of peat. | Class notes and internet. | Lesson 20 |