

## **Home Study for Science Department**

### **S1/S2**

#### **Rationale**

Homework is learning which takes place outwith the classroom. It is as much a part of the teacher's plan for the pupil's learning as work done in class. It is also an entitlement for all pupils and an important part of the learning process.

#### **Activity**

For each of the twelve science topics across S1 and S2 there are 3 homework exercises. These are designed to assess the learning of the individual as well as the development of problem solving skills. Home learning exercises will be issued soon after the work has been covered in class, and can also be found on our Science webpage.

#### **How often and for how long?**

Written homework is given approximately once a fortnight.

### **S3**

#### **Rationale**

Science homework in S3 is designed to allow pupils to reinforce what they have learned in lessons, enhance problem solving skills and to identify and target areas of work which require more attention. Pupils are encouraged to be responsible and accountable for their learning at home.

#### **Activity**

Homework exercises relating to each specific topic or key area will be provided to all students. These contain practice questions based on work covered in class. Additional problem solving exercises are issued periodically to promote thinking skills. Research activities such as class projects are designed to instil responsibility, encourage resourcefulness and develop a broader knowledge of the subject.

#### **How often & for how long?**

One quarter to one half hour each week.

### **S4-6**

#### **Rationale**

Science homework in S4-6 is designed to allow pupils to reinforce what they have learned in lessons, enhance problem solving skills and to identify and target areas of work which require more attention. Pupils are encouraged to be responsible and accountable for their learning at home.

#### **Activity**

Homework exercises relating to key areas within each subject will be provided to all students. Additional consolidation and revision exercises, such as past-paper exam style questions, are issued periodically to prepare for assessments.

**How often & for how long?** 1-2 hours each week.