



## **Ermysted's Grammar School**

### **Science Faculty**

#### **Year 9 In-Year Entrance Exam – Information for students**

The science exam will include questions on the following:

#### **Investigative skills**

Identifying variables e.g. independent and dependent variables

Presenting data e.g. plotting graphs and drawing lines of best fit

Interpreting and evaluating data given in results tables and graphs

#### **Topics**

Sound

Energy and Energy Transfers

Light

Pressure and Moments

Photosynthesis and Respiration

Digestion

The Circulatory System and Transport

Atoms and Elements

Compounds and Chemical Reactions

The Periodic Table