The Walton Baccalaureate

Department\_\_\_Science \_\_\_\_\_\_\_\_\_\_\_\_

**Criteria for Baccalaureate recommendation in Y7 – see science teachers for extra information.**

1. To make predictions and carry out an original scientific experiment on a topic of your choice. Record your results and make a conclusion.

2. To identify 5 constellations at night, print images, draw or photograph.

3. To identify the acidity of rain in 3 different sites. Record results and try to explain any differences.

4. Watch a David Attenborough documentary and produce a one sided summary.

5. Get involved in a survey, such as the RSPB ‘Big garden watch’ or a Bee survey etc. Take a screen shot as evidence that you completed the survey and bring this into school.

**Criteria for Baccalaureate recommendation in Y8 - see science teachers for extra information.**

1. Visit a National Park, Site of Special Scientific Interest (SSSI), or Area of Outstanding Natural Beauty (AONB), identify biodiversity of plants and animals. Photograph and identify species, using their real taxonomic names. E.g. *Calluna vulgaris* (common heather). Bring in your labelled photos.

2. Research the life and work of a scientist e.g. Marie Curie. Bring in your findings to discuss.

3. Design and make your own effervescent bath salt using chemical ideas.

4. Watch a science documentary and produce a one sided summary.

5. Read a scientific journal/magazine such as New Scientist or National Geographic. Select, discuss and review an article you find interesting.

Criteria for Baccalaureate recommendation in Y9 - see science teachers for extra information.

1. Research and produce a piece of work on a current astronomical event.

2. Visit a scientific museum or go on a science related trip. Take pictures as evidence and review your trip.

3. Watch a science fiction or scientific film and comment on the scientific accuracy or facts you learned. A science fiction film would include Armageddon or Jurassic Park.

4. Make a scientific model to explain an idea.

5. Plan and deliver a presentation or a short talk on a scientific topic of your choice to your class, tutor or a small group of individuals.