

THE PRIORY ACADEMY  
**LSST**

Sixth Form Induction Day  
Applied Science Taster Session



# Activity Part 1

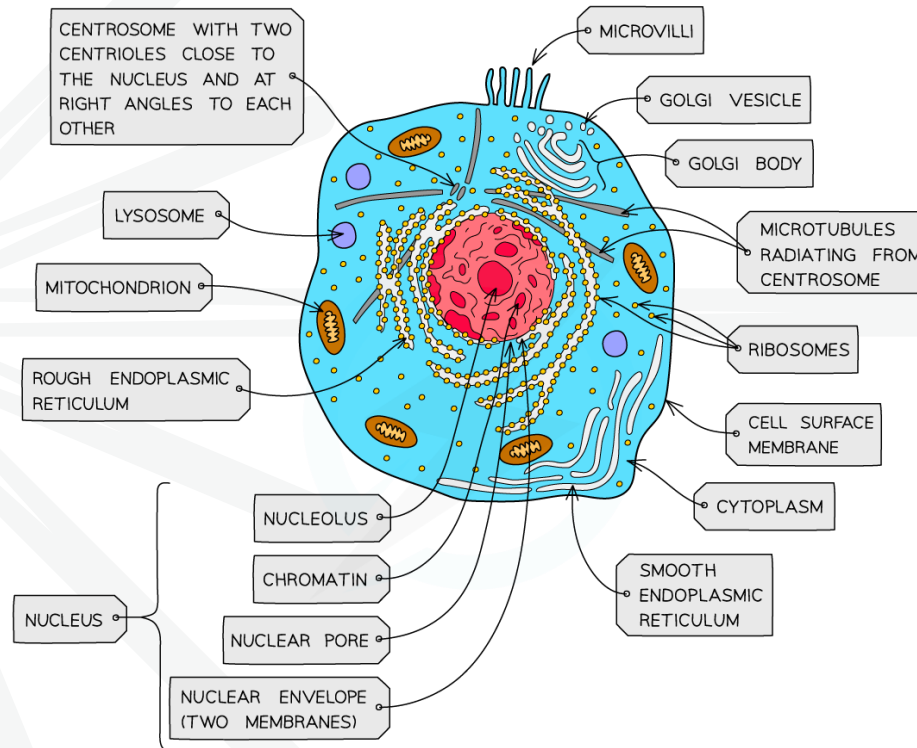
Draw and label a plant and animal cell.



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# Activity Part 2

This is the ultrastructure of a cell. Complete the card sort of the structure and functions of the organelles!



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# The Course

Examination= 50%  
Coursework= 50%

Unit	Year	Exam/CWK	%
1	12	Exam	50
2			
3			
4	13	Coursework	25
6	13	Coursework	25

# Grading

The AAQ Applied Science qualification is equivalent to 1 A-Level.

Grade	Equivalent to...
Distinction *	A*
Distinction	A
Merit	C
Pass	E



# Year 12 Examination

## Unit 1: Principles and Applications of Biology

- A. Structure and function of cells and tissues
- B. Structure and function of biological molecules
- C. Cellular transport and enzyme activity



# Year 12 Examination

## Unit 2: Principles and Applications of Chemistry

- A. Atomic and electronic structure
- B. Bonding and structure
- C. Periodicity
- D. Physical chemistry
- E. Organic chemistry



# Year 12 Examination

## Unit 3: Principles and Applications of Physics

- A. Working with waves
- B. Forces in transportation and Newtons Laws of Motion
- C. Electrical circuits and the transfer of energy



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# Year 13 Coursework

## Unit 4: Practical Scientific Procedures and Techniques

- A. Chemistry – Titrations and chromatography
- B. Biology – Colorimetry and plant growth
- C. Physics – Cooling curves and circuits
- D. Review Personal Development of Scientific Skills



# Year 13 Coursework

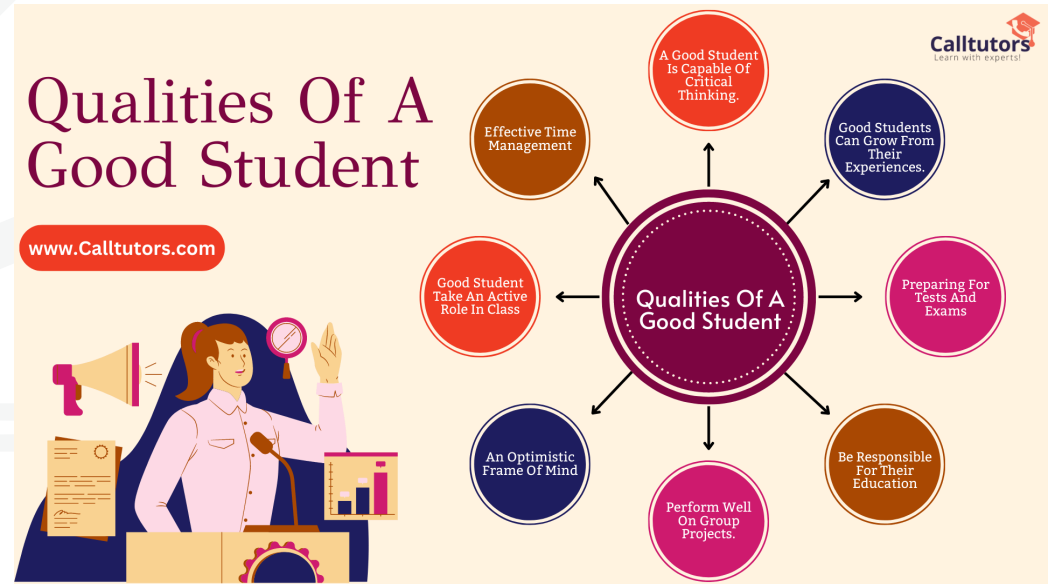
## Unit 6: Contemporary Issues in Science

- A. Contemporary scientific issues impacting global populations and environment.
- B. Effect of organisations on contemporary science.
- C. Evaluating and reporting scientific information



# Qualities of a good Applied Science student.

- Time management
- Self-motivation
- Enthusiasm
- Critical thinking
- Active listening
- Responsible
- Pro-active





# What do I need to do to prepare before September?

- Over the summer make sure you complete the transition work which can be found on the website.
  - This should be printed and handed to your teacher during the first week in September.
- Look at the extra reading slide and select one!

