

THE PRIORY ACADEMY

LSST

Sixth Form Induction Day
Applied Science Taster Session



Activity Part 1

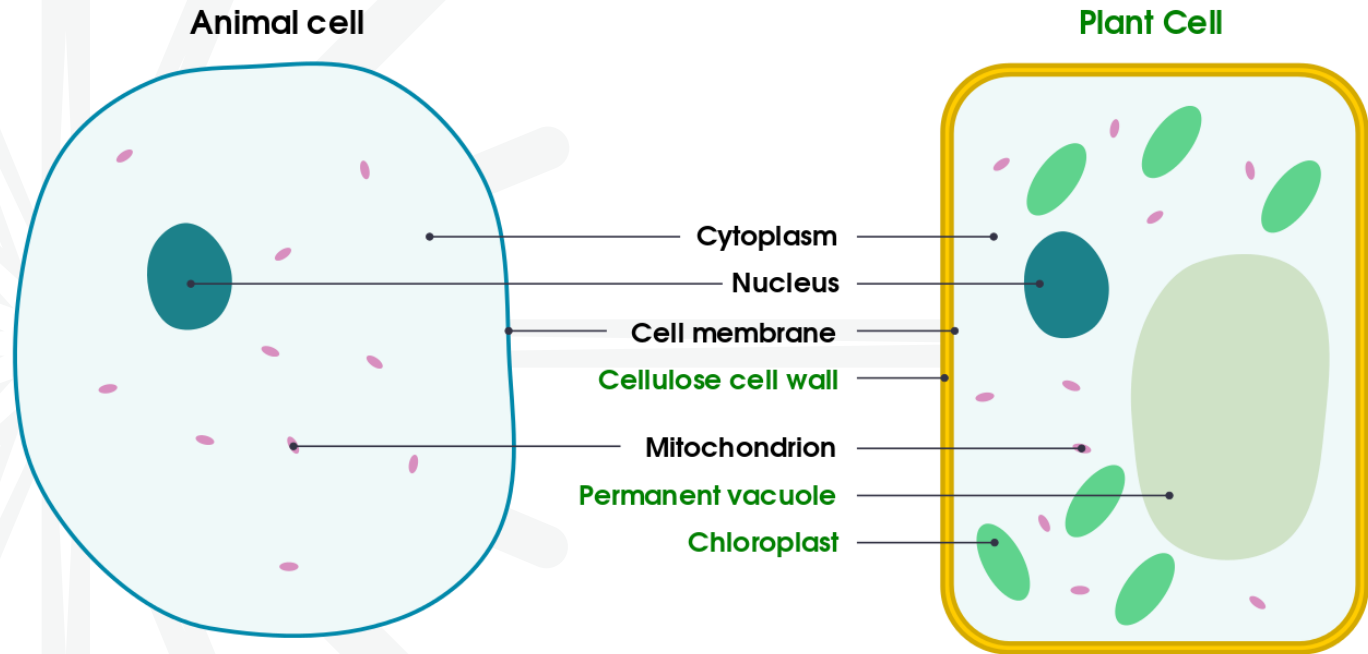
Draw and label a plant and animal cell.



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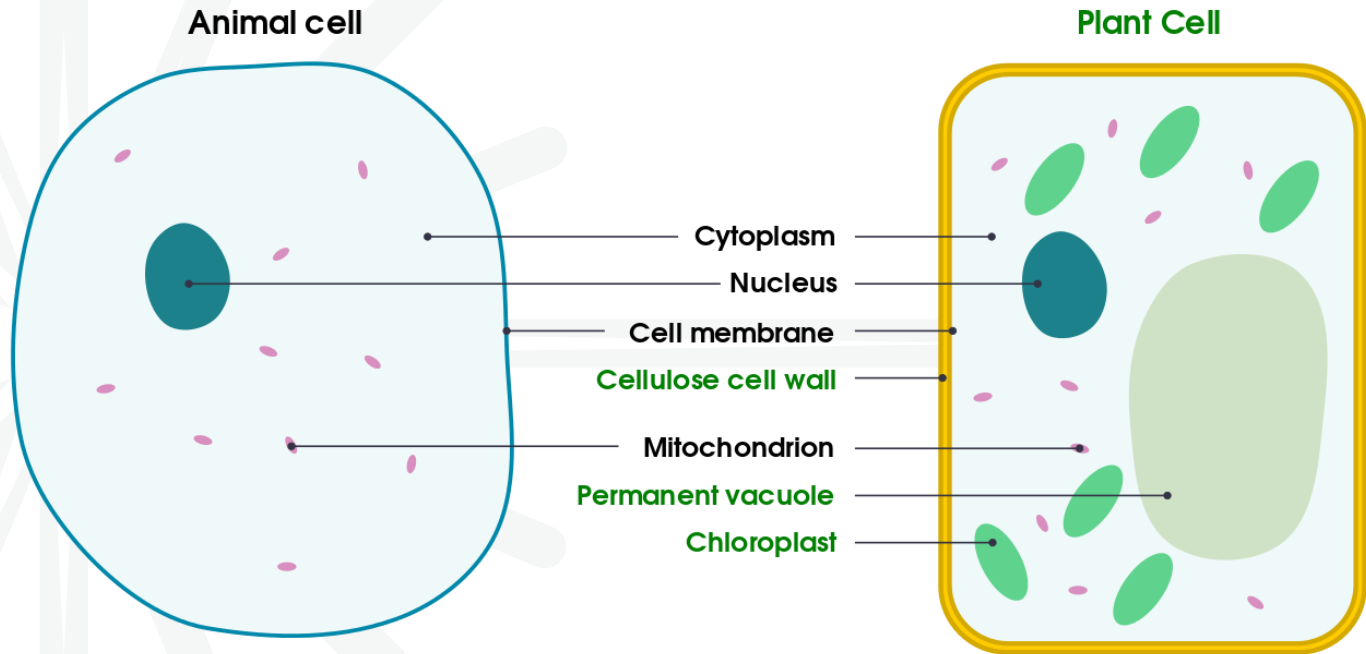
Activity Part 1

Draw and label a plant and animal cell.



Activity Part 2

Complete the card sort on 'Cell Organelles'.



The Course

Examination= 58%
Coursework= 42%

Unit	Year	Exam/CWK	%
1	12	Exam	25
2	12	Coursework	25
3	13	Exam	33
8	13	Coursework	17

This is a link to the Pearson BTEC specification. [Specification - Pearson BTEC Level 3 National Extended Diploma in Applied Science](#)

Grading

The BTEC Health and Social Care 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 Science

- A. Chemistry – Periodicity and Properties of Elements
- B. Biology – Structure and Function of Cells and Tissues
- C. Physics – Waves in Communication



Year 12 Coursework

Unit 2: Practical Scientific Procedures and Techniques

- A. Chemistry – Titrations and Colorimetry
- B. Physics – Calorimetry and Cooling Curves
- C. Chemistry – Chromatographic Techniques
- D. Review Personal Development of Scientific Skills



Year 13 Exam

Unit 3: Science Investigation Skills

- A. Planning Scientific Investigation
- B. Data Collection, Processing and Analysis/Interpretation
- C. Drawing Conclusions and Evaluation
- D. Enzymes in Action
- E. Diffusion of Molecules
- F. Plants and their Environment
- G. Energy Content of Fuels
- H. Electrical Circuits



Year 13 Coursework

Unit 8: Physiology of Human Body Systems

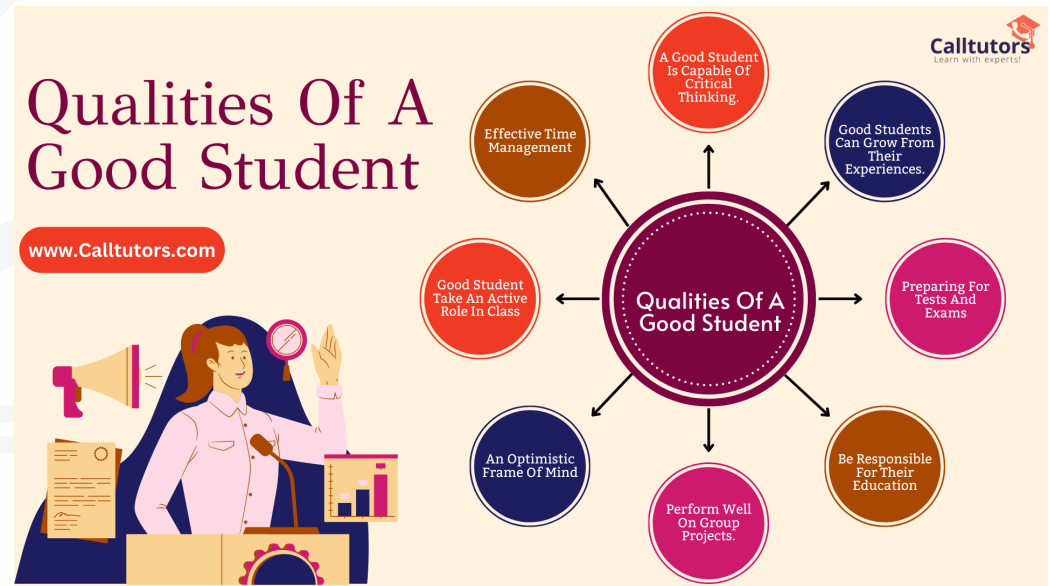
- A. The Musculoskeletal System
- B. The Lymphatic System
- C. The Digestive System



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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.



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