Biology Learning Journey Map
Year 9

Westwood College

SKILS DEVELOPED

Year 9 Survival Top Tips

Tip 1	You are starting you GCSE now. Keep all notes and full exercise books In a safe place. You will need them
Tip 2	Start to built good study habits. Set a time each week to review your learning and make notes on areas you do not understand.
Tip 3	Ask for help! From a friend or your teacher if you are unsure
Tip 4	Start learning the keyword definitions by making flashcards
Tip 5	Complete all homework on time

Move on to Year 10

Start GCSE's
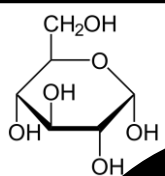
Next Level

YEAR 9

Term 6 Organisation
➢ Plant Tissues and organs
➢ Xylem and Phloem
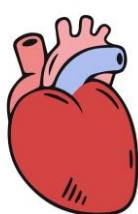
YEAR 9

Term 5 Organisation
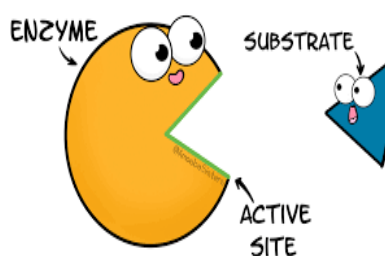➢ The Heart
➢ Blood vessels
➢ Blood

*Lub
*Dub
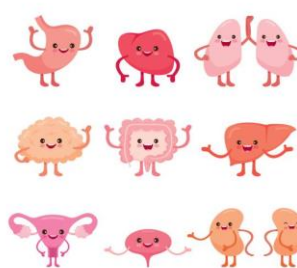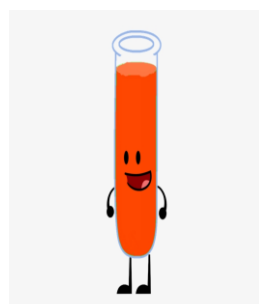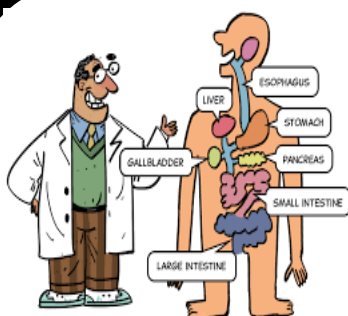
YEAR 9

Term 3-4 Organisation
➢ Cells tissues and organs
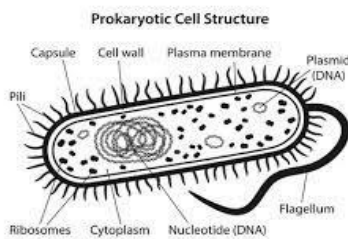➢ Human Digestion
➢ Enzymes

ENZYME
SUBSTRATE
ACTIVE SITE
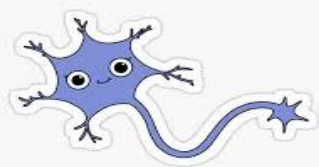
YEAR 9

Term 2 Cell Biology
➢ Cell Cycle
➢ Stem Cells
➢ Transport in Cells

GROWTH AND DNA REPLICATION
NUCLEAR DIVISION BY MITOSIS
M
CELL DIVISION (CYTOKINESIS)
INTERPHASE
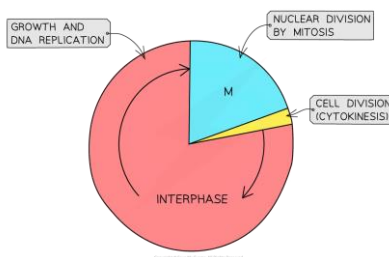
Term 1 Cell Biology
➢ Animal and plant cells
➢ Microscopy
➢ Specialised Cells

Prokaryotic Cell Structure
Capsule
Cell wall
Plasma membrane
Plasmid (DNA)
Pili
Ribosomes
Cytoplasm
Nucleotide (DNA)
Flagellum

YEAR 9

CURRICULUM OVERVIEW

SKILLS TAUGHT ACROSS BIOLOGY

1) **Planning an investigation**
2) **Practical skills**
3) **Collecting and recording data**
4) **Presenting data**
5) **Making conclusions and evaluations**

welcome

CURRICULUM OVERVIEW