Year 10 revision

Cells

- Structure and function of organelles in an animal cells
- Structure and function of organelles in plant cells
- Structure and function of organelles in bacterial cells
- Compare and contrast animal, plant and bacterial cells
- Cell organisation in plants and animals

Photosynthesis

- Structure and function of leaf parts
- Adaptations for photosynthesis
- Word equation for photosynthesis
- How and why a plant is destarched
- Testing a leaf for starch steps and reasons for the steps, safety precautions

Carbon Cycle

- Processes in the carbon cycle
- Explain changing levels of CO_2

Food Chains and Food Webs

- Draw a food chain using information provided
- Identify producers, primary consumers and secondary consumers in a food chain
- Draw a food web
- Identify tropic levels
- How a change in a food web effects other organisms