



ST NINIAN'S HIGH SCHOOL
NATIONAL 4 BIOLOGY LEARNING INTENTIONS
UNIT 2: MULTICELLULAR ORGANISMS



SECTION 1: SEXUAL/ASEXUAL REPRODUCTION IN VARIOUS ORGANISMS

- 1. State that unicellular organisms (e.g. Bacteria) consist of one cell only and multicellular organisms (e.g. Humans) consist of more than one cell
- 2. Compare sexual and asexual reproduction
- 3. Explain the effect of the type of reproduction on the survival of the species.

Animals

- 1. Describe the differences between internal and external reproduction
- 2. Give examples of organisms that carry out internal and external reproduction
- 3. Carry out the brine shrimp practical
- 4. Label diagrams of male and female reproductive organs
- 5. Label diagram of reproductive cycle of fish
- 6. Compare success rates and relate them to survival of organisms

Plants

- 1. Label diagram of flower
- 2. Describe differences between wind and insect pollination
- 3. Compare success rates of different types of pollination