



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