

**Admiralty Primary
School 2022 Primary 4
Science Lesson Focus**

SEMESTER 1			
Theme – Systems			Theme – Cycles
Chapter 1 Human System	Chapter 2 Plant System	Chapter 3 Plant Transport System	Chapter 4 Matter
<ul style="list-style-type: none"> Identify the organ systems and state their functions in human (digestive, respiratory, circulatory, skeletal and muscular). 	<ul style="list-style-type: none"> Identify the different parts of plants and state their functions. <ul style="list-style-type: none"> - leaf - stem - root 	<ul style="list-style-type: none"> Identify the parts of the plant transport system and describe their functions. 	<ul style="list-style-type: none"> State that matter is anything that has mass and occupies space. Differentiate between the three states of matter (solid, liquid, gas) in terms of shape and volume

SEMESTER 2	
Theme – Energy	
Chapter 1 Light	Chapter 2 Heat and Temperature
<ul style="list-style-type: none"> • Recognise that an object can be seen when it reflects light or when it is a source of light. • Recognise that a shadow is formed when light is completely or partially blocked by an object. • Investigate the variables that affect shadows formed and communicate findings. Relationship between the shape and size of shadows formed to the position of object(s) distance between light source-object and object-screen 	<ul style="list-style-type: none"> • List some common sources of heat. • State that the temperature of an object is a measurement of its degree of hotness. • Differentiate between heat and temperature. • Show an understanding that heat flows from a hotter to a colder object/region/place until both reach the same temperature. • Relate the change in temperature of an object to the gain or loss. • List some effects of heat gain/loss in our everyday life, in terms of expansion or contraction of objects and the changes of states in matter. • Identify good and poor conductors of heat.

Heat and Temperature (Term 3)

Light (Term 4)