

Distance Learning 2020-2021- Week 24

Subject	Science
Class/Division	Year 4 A-F
Term 2 Week 2	7 th February to 11 th February
Work sent to students via	ZOOM / Google Classroom
Total number of lessons per week	3 ZOOM sessions (Tasks will be assigned on Google Classroom)
UNIT 5	Changes of State (continued)
ZOOM 1	<p><u>Learning Objective:</u> Recognise that temperature is a measure of how hot or cold something is and is measured in degrees Celsius (°C) using a thermometer.</p> <p><u>Learning Outcome:</u> I can...</p> <ul style="list-style-type: none"> • Identify thermometer as an instrument which measures temperature in degree Celsius (°C). • Explain that it is the length of the liquid column which indicates temperature in a thermometer. • Understand how to use a thermometer to make careful measurements of temperature. <p>Resources:</p> <ul style="list-style-type: none"> ❖ Active learn allocation (Y4 COS ITR 4) https://www.activelearnprimary.co.uk/resource/471469 ❖ Science Bug international – Topic book & Workbook ❖ Power point presentation ❖ Video links <p>Task</p> <ul style="list-style-type: none"> ▪ Read Topic Book – page6 ▪ Complete Workbook - page 6
ZOOM 2	<p><u>Learning Objective:</u> Understand that water exists in three states and changes from one to another at different temperatures.</p> <p><u>Learning Outcome:</u> I can....</p> <ul style="list-style-type: none"> • Recognise that temperature has an effect on changing states of matter. • Recognize water that exists in three states namely ice (solid), water (liquid) and steam (gas). • Research about the Ice hotel in Sweden & design a web page to advertise it. <p>Resources:</p> <ul style="list-style-type: none"> ❖ Active learn allocation (Y4 COS PCM 3) https://www.activelearnprimary.co.uk/resource/471515 ❖ Science Bug international – Topic book & Workbook ❖ Power point presentation ❖ Video links

Task:	<ul style="list-style-type: none"> ▪ Read Topic Book – page8 ▪ Complete Workbook – page8
ZOOM 3	<p><u>Learning Objective:</u> Plan an investigation to observe the melting of ice cubes at different temperatures.</p> <p>.</p> <p><u>Learning Outcome:</u> I can....</p> <ul style="list-style-type: none"> • Pose a question that can be investigated. • Choose the apparatus required for the experiment.. • Identify the factors that are kept constant and factors that can be changed. • Make a prediction and suggest a reason why the ice would melt quickly /slowly in a certain place • Observe and measure the time needed to melt the ice cube completely. • Arrive at a conclusion and compare it with the prediction.
Resources:	<ul style="list-style-type: none"> ❖ Power point presentation ❖ Video links
Tasks:	<ul style="list-style-type: none"> ▪ Complete the investigation task and record their observations. (Take pictures or record a short video as evidence at each stage of the investigation)