

Distance Learning 2020-2021- Week 25

Subject	Science
Class/Division	Year 4 A-F
Week 3 Term 2	14 th February to 18 th February
Work sent to students via	ZOOM / Google Classroom
Total number of lessons per week	3 ZOOM sessions (PPT/Tasks to be posted in Google Classroom)
UNIT 5	Changes of State (continued)
ZOOM 1	<p><u>Learning Objective:</u> Understand that different substances change state at different temperatures.</p> <p><u>Learning Outcome: I can...</u></p> <ul style="list-style-type: none"> • Realize that materials can change state when they are heated or cooled. • Realize that different materials melt and freeze at different temperatures. • Recognise what is meant by Melting point & Freezing point. • Use the knowledge of changing states of materials to make chocolate crispy cakes
Resources:	<ul style="list-style-type: none"> ❖ Active learn allocation (Y4 COS PCM 1) https://www.activelearnprimary.co.uk/resource/471513 ❖ Science Bug international – Topic book & Workbook ❖ Power point presentation ❖ Video links
Task	<ul style="list-style-type: none"> ▪ Topic Book -page7 ▪ Workbook - page 7
ZOOM 2	<p><u>Learning Objective:</u> Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).</p> <p><u>Learning Outcome: I can....</u></p> <ul style="list-style-type: none"> • Define the terms solidifying, freezing point, melting point and boiling point. • Read the given temperatures & predict which material will melt at each temperature.(Topic Book) • Use reference materials to check predictions. • Research the melting points of the listed materials(butter, wax, chocolate, ice, copper)

<p>Resources:</p> <p>Task:</p>	<ul style="list-style-type: none"> ❖ Science Bug International – Topic book & Workbook ❖ Power point presentation ❖ Video links <ul style="list-style-type: none"> ▪ Read Topic Book – page9 ▪ Complete Workbook – page9
<p>ZOOM 3</p> <p>Resources:</p> <p>Tasks:</p>	<p><u>Learning Objective:</u> Identifying differences, similarities or changes related to simple scientific ideas and processes.</p> <p><u>Learning Outcome: I can....</u></p> <ul style="list-style-type: none"> • Investigate freezing & melting of bathroom liquids (shampoo, hair conditioner, baby oil, baby lotion, bubble bath, mouth wash) • Make predictions & record observations.(Which bathroom product will melt the quickest/slowest) • Arrive at conclusions and compare results. <ul style="list-style-type: none"> ❖ Topic book & Workbook – Pages 10 & 11 <ul style="list-style-type: none"> ▪ Complete the experiment mentioned in the Topic book and record the result in the Workbook.