

Distance Learning 2020-2021

Subject	Science
Class/Division	Year 4 A-F
Week 7-Term 2	14 th March to 18 th March
Work sent to students via	ZOOM / Google Classroom
Total number of lessons per week	3 ZOOM sessions
UNIT 6	SOUND - Lessons 6, 7
ZOOM 1 Lesson 6	<p><u>Learning Objective:</u></p> <ul style="list-style-type: none">• Understand that Volume refers to how loud a sound is and that the volume of a sound can be changed.• Know that the volume of sounds can be measured with a sound meter (data logger) and the unit is a decibel (dB). <p><u>Learning Outcome: I can....</u></p> <ul style="list-style-type: none">▪ Realise that loudness of sound depends on how hard an object is struck or plucked.▪ Understand that sounds get fainter as the distance from the sound source increases.▪ Recognise how sounds can be measured using the unit of sound decibels.(dB)▪ Order the list of sounds given from lowest to highest.▪ Find patterns between the volume of a sound and the strength of the vibrations that produced it. <p>Resources:</p> <ul style="list-style-type: none">❖ Topic Book & Workbook❖ PowerPoint presentation❖ Active Learn allocation.
ZOOM 2 Lesson 7	<p><u>Learning Objective:</u></p> <ul style="list-style-type: none">• Recognise that there are high and low-pitched sounds and that the pitch of a sound can be changed.• Identify and describe features of an object that can be changed to alter its pitch, for example, length of tube, length of string and tension of string. <p><u>Learning Outcome: I can....</u></p> <ul style="list-style-type: none">▪ Know that the pitch of sound produced by a string depends on its material, thickness, length and how tight it is.▪ Identify the relationship between the pitch of a sound and features of the object that produced it by using different musical instruments. <p><i>(that pitch will be higher, if the skin/ string is more tightly stretched/ that thinner strings or smaller drums produce high pitch sound/that shorter strings produce high pitch sound)</i></p>

<p>Resources:</p>	<ul style="list-style-type: none"> ▪ Name some musical instruments and compare the sounds made by them. ▪ Make and play their own instruments by using what they have found out about pitch and volume. ❖ Topic Book & Workbook ❖ PowerPoint presentation ❖ Active Learn allocation.
<p>ZOOM 3</p>	<ul style="list-style-type: none"> • Some classes may have Assessment 2 in one of the lessons. • One lesson in this week may be used by the students to complete any pending tasks. (TURN IN Assignments / Topic book & Workbook tasks / Active Learn Allocations)