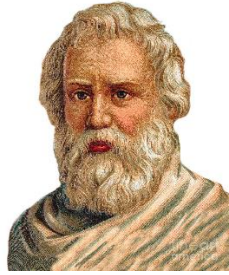


Year 6 Weekly Timetable for Home Learning WC 8/11/2021

HILLCREST PRIMARY SCHOOL IS THE OWNER OF THESE RECORDINGS AND DOES NOT GIVE CONSENT FOR THEM TO BE SHARED UNDER ANY CIRCUMSTANCES

		9-11:15	1115-1215	12:15-13:15	13:15-13:35	13:35 – 14.00	14.00-14:45	14.45-15:15	15.00 – 15.30
Monday		Maths Perimeter	L	English Clockwork PDF Slides for English on Google Classroom	TTRockstars or try this link! TT Rockstars	B	Art Have a go at drawing your own “Melting Clock” using the slides on Google Classroom.	Quiet Reading Tell us what you’re reading (or what you’ve read) on the Google Classroom Stream.	
Tuesday		Science Archimedes Experiment (see below!)	U	Science Definition of a raft: a flat buoyant structure of timber or other materials fastened together, used as a boat or floating platform. Activity The activity is to make a raft from these materials: corks, silver foil, lolly sticks, string, masking tape, cardboard, paper. The raft must be able to float for a minimum of 2 minutes. The raft must be able to hold at least one unifix cube (or suitable item at home). If the raft can float and hold a load the raft that floats AND holds the largest load for longest is the winner.		R	Science Can you improve your raft? Now, record your findings. How long did your raft stay afloat? How many items could it hold? Which materials did you use? Why do you think it did stay afloat? What scientific theory could you draw on?	Quiet Reading Tell us what you’re reading (or what you’ve read) on the Google Classroom Stream.	
Wednesday	PE	Arithmetic Quiz	N	Spellings	TTRockstars or try this link!	E	Computing	Quiet Reading	

		Look at the Scheduled Arithmetic Quiz!		If possible, get somebody to test you on your spellings and let us know how many you got right!	TT Rockstars		Searching the Web	Tell us what you're reading (or what you've read) on the Google Classroom Stream.
Thursday	PE	Maths Perimeter	C	English Clockwork PDF Slides for English on Google Classroom	TTRockstars or try this link! TT Rockstars	A	Design Technology How Mechanisms create movements	Quiet Reading Tell us what you're reading (or what you've read) on the Google Classroom Stream.
Friday	PE	Maths Perimeter	H	English Clockwork PDF Slides for English on Google Classroom	TTRockstars or try this link! TT Rockstars	K	Music Understanding Pulse and Rhythm	Quiet Reading Tell us what you're reading (or what you've read) on the Google Classroom Stream.

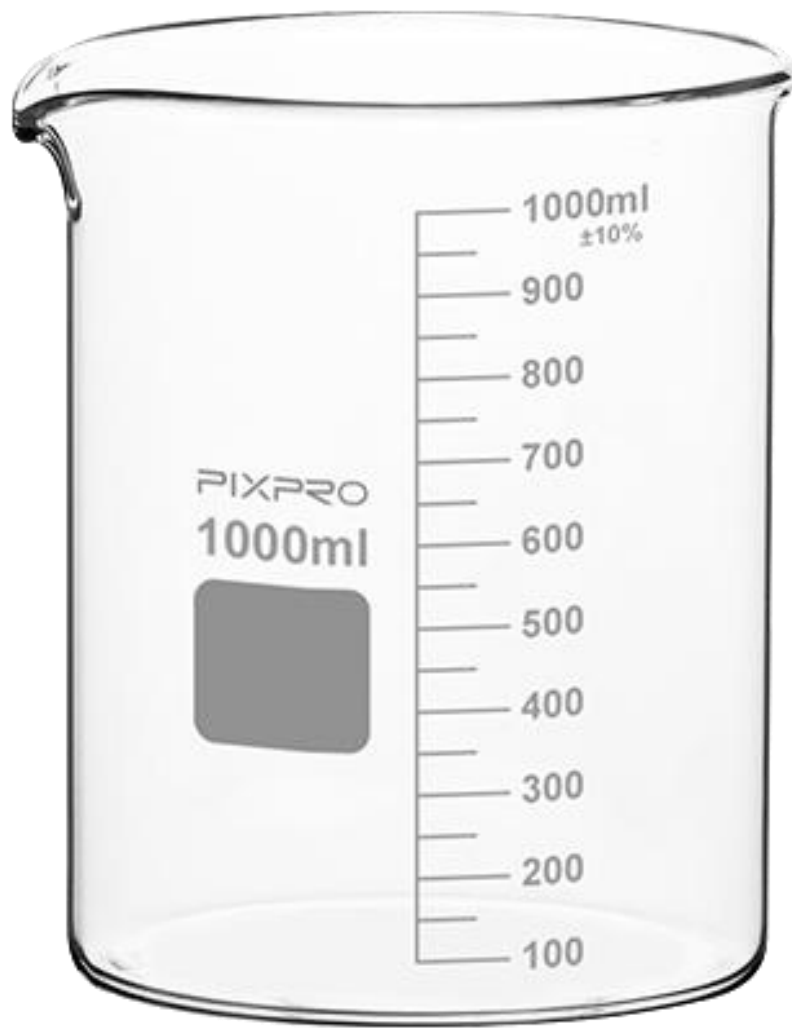


Archimedes Water Investigation Year 5 – 6

Put Archimedes' Principle to the test in this investigation!

Archimedes' Principle is a law that states: that a body totally or partially immersed in a fluid is subject to an upward force equal in magnitude to the weight of fluid it displaces.

1. Pour 500ml of water into the measuring jug.
2. Fasten 20 bricks or cubes together and place them into the water. Record the water level in red on the diagram below. Add a label such as "water level with 20 cubes."
3. Remove the cubes and check that the water level returns to 500ml.
4. Make a different shape using the same number of cubes. How far does the water level rise this time?
5. Repeat the experiment with just 10 cubes. What do you notice? Record your results in green on the diagram below and add a label such as "water level with 10 cubes."
6. Estimate how much the water level will rise if you use 25 and 30 cubes. Mark your estimates on the diagram below using different coloured pencils and adding labels.
7. Were your estimates correct? Mark on the actual water levels and label them for 25 and 30 cubes.
8. Use the jug below to record your results.



PIXPRO
1000ml

