

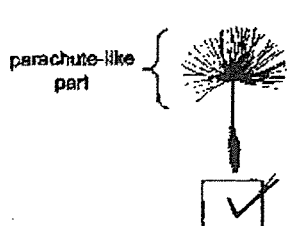
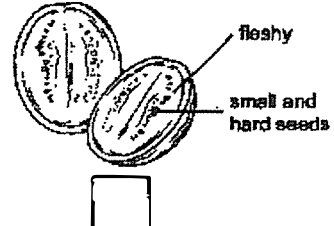
ANSWER KEY

YEAR : 2021
LEVEL : PRIMARY 5
SCHOOL : HENRY PARK PRIMARY SCHOOL
SUBJECT : SCIENCE
TERM : SA2

BOOKLET A

Q1	4	Q2	3	Q3	1	Q4	3	Q5	2
Q6	4	Q7	2	Q8	3	Q9	4	Q10	1
Q11	3	Q12	4	Q13	4	Q14	3	Q15	3
Q16	2	Q17	4	Q18	4	Q19	2	Q20	3
Q21	4	Q22	2	Q23	3	Q24	2	Q25	3
Q26	4	Q27	2	Q28	3				

BOOKLET B

Q29	<p>(a) experiment 1: W and Z experiment 2: Y and Z</p> <p>(b) Fungi</p> <p>(c) Water is needed for bread mould to grow as only after adding water, mould could grow on X, Y and Z but without water no mould grew on W.</p> <p>(d) Conduct the experiment using more than 4 slices of bread.</p>
Q30	<p>(a) Process P: Pollination Process Q: Fertilisation</p> <p>(b) The stigma is feathery and is hanging out to catch the pollen easily. The hairs are hanging downwards and exposed to the wind, pollen can be blown by the wind.</p>
Q31	<p>(a) Q- Chloroplast R- Cell wall</p> <p>(b) P, the cell membrane controls the movement of substances in and out of the cell.</p>
Q32	<p>(a)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>parachute-like part</p> </div> <div style="text-align: center;">  <p>fleshy</p> <p>small and hard seeds</p> </div> </div>

(a) The fruit has a parachute-like part that enables it to be carried by the wind, so the wind speed increases and the fruit is carried further away

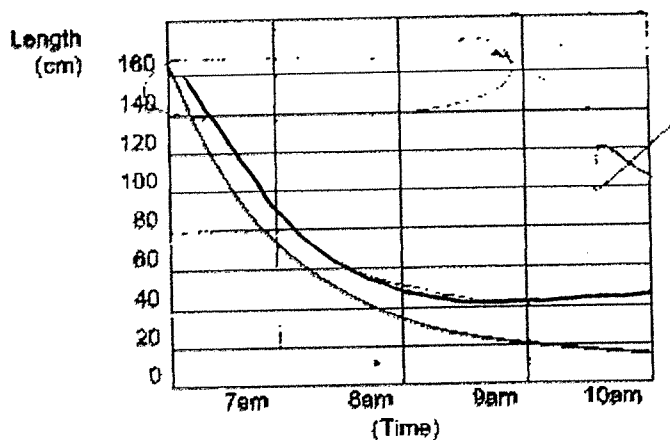
(b)

Plant	
Fruits/seeds are dispersed by water	Fruits/seeds are dispersed by animals
M	L

(c) J has a fibrous husk that traps air to help the seeds of J disperse easily by floating on water.

Q33 R. R did not absorb water and caused 200cm^3 of water to be left. Thus R was the most suitable material to make a pair of gloves that can keep David's hands dry.

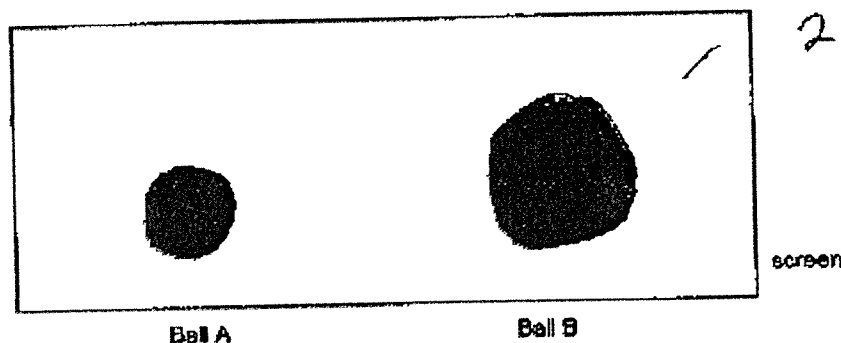
Q34 (a) The length of the puddle decreased over time. The water gained heat from the warmer surrounding air to evaporate to form water vapour.
(b)



(c) On a cold day, water from the puddle would gain heat from the cooler surrounding slower to evaporate slower

(d) Blow the puddle of water

Q35 (a)



(b) Shadows are formed when light from a light source travelling in a straight line is blocked by an opaque or transparent object.

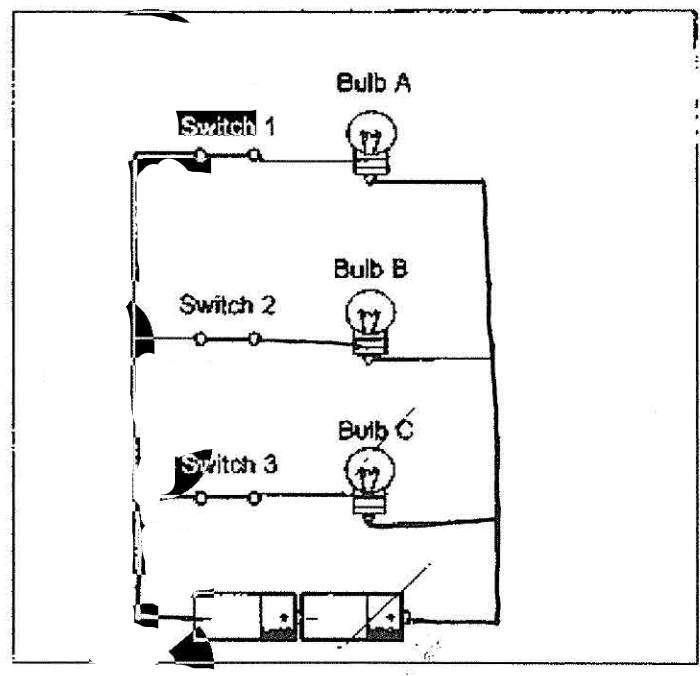
(c) Light from the headlight is reflected off the strips into Shawn's eyes allowing him to see the road.

Q36 (a) Temperature is the unit of measurement for the amount of heat in an object.
 (b) Nathan was trying to find out if the temperature of the water in the cup affected the time taken for ice cubes to melt completely.
 (c) R,Q,P
 (d) When the volume of boiling water in this container is larger, there is more heat and will allow the uncoked eggs to gain heat from the boiling water faster to be cooked faster.

Q37 (a) (i) The amount of the fizz drink decreased
 (ii) The mass of the fizz drink decreased
 (b) (i) During the period in the room of temperature 30°C, the gas rose and escape from the bottle
 (ii) The gas bubbles are gas and has mass, thus the mass of the drink decreased

Q38 (a) 100°C
 (b) The boiling water evaporated to form water vapour and rose to come into contact with the cooler metal tray lose heat to it and condensed to form tiny water droplets.

Q39



Q40 (a) Bulb B would be brighter. There are now more batteries. So there will be more electricity passing electric current through in the circuit.
 (b) Conductor of electricity

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 END