

ANSWER KEY

SCHOOL : TAO NAN PRIMARY SCHOOL

LEVEL : PRIMARY 6

SUBJECT : SCIENCE

TERM : 2021 SA2

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

Q29	a) To find out if the presence of water affected mould growth. b) Decomposition c) No mould grows on both muffins because there is no warmth for it to grow in the freezer.
Q30	D. It has the least amount of water as it evaporates the fastest.
Q31	a) Self-pollination b) The male reproduction cell fuses with the female reproductive cell. c) G will become a fruit
Q32	a) Matter has mass, matter has volume b) Girl: matter Violin: matter Music: Non – matter Light ray: Non – matter Shadow: Non – matter

	Spotlight:matter
Q33)	<p>a) i) Balloon ii) bottle</p> <p>b) Air from the surrounding enters the balloon through the straw and rushes in to occupy the space in the bottle.</p> <p>c) The dust that a human breath in would get trapped by the hair.</p> <p>d) The air breathed in gained heat from the body.</p>
Q34)	<p>a) The part inbetween position sand T had more leaves to make food for fruit Q, while fruit P has only a few leaves to help make food as it could not be transported above or below the cuts S and T.</p> <p>b) Water cannot be transported to the leaves.</p>
Q35)	<p>a) onion: L Human cheek: K</p> <p>b) Cell J. It does not have genetic information and cannot control all activities in the cell.</p>
Q36)	<p>a) Larva and pupa</p> <p>b) 26°C</p> <p>c) As disease R spreads to human only at adult stage, it has the longest duration as an adult, thus it spreads the most quickly.</p>
Q37)	<p>a) Z. Its has the least amount of iron nails left in the tray and has the most nails attracted.</p> <p>b) The distance between the nails and the bar.</p> <p>c) Bar A is not a magnetic material.</p>
Q38)	<p>a) Gravitational force.</p> <p>b) There was lesser friction between the table and the metal block so less gravitational force is needed to move the block.</p> <p>c) F and H. They have different areas of contact with the table but the mass of the block is the same and the same number of coins was needed to move the block.</p> <p>d) This ensures that the results are reliable.</p>
Q39)	<p>a) Measure the height of the water in the test tube.</p> <p>b) Increase the brightness of the torch.</p>

	<p>c) It produces the most number of bubbles as the rate of photosynthesis is higher.</p> <p>d) Water vapour from the soil comes into contact with the cooler inner glass, condense to form water droplets, which fall back to the soil.</p>
Q40)	<p>a) gravitational potential > kinetic > heat > sound</p> <p>b) The larger the mass of the ball, the louder the sound produced by the bell.</p> <p>c) Ball D has more gravitational potential energy which was converted to more kinetic energy.</p>
Q41)	<p>a) When the car is on the sense pad, the weight of the car compress the spring. The contacts touch each other forming a close circuit causing electricity to flow through the circuit.</p> <p>b) Make the contacts closer to each other.</p> <p>c) Less weight will be needed to compress the spring to the same length.</p>