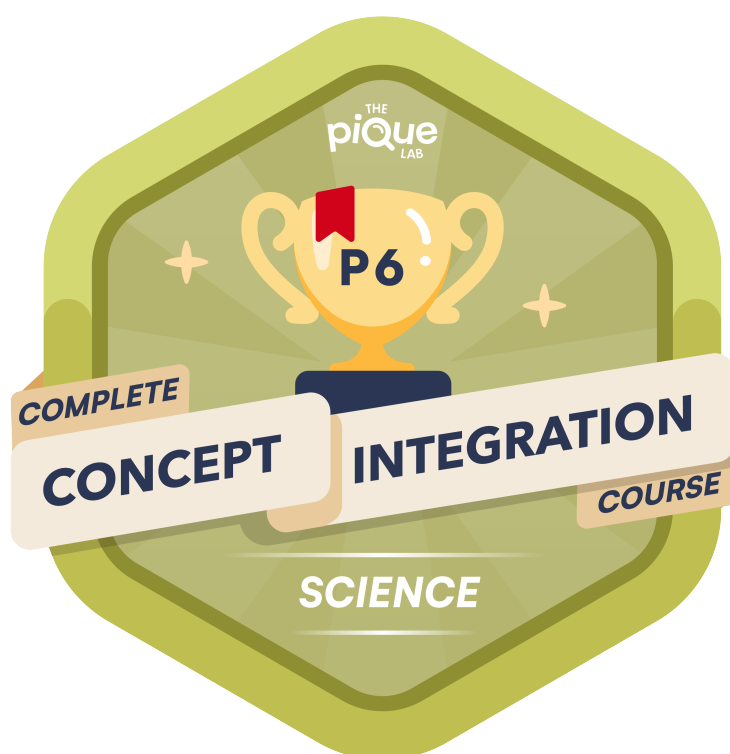




THE PIQUE LAB LEARNING CENTRE

Primary School Science Programme



P6 CCI™ SCIENCE COURSE

Answers to Colour Notes (2026)

Name: _____

Class: _____

TOPICS COVERED

Topic	Title	Page
1	Animal Cycles -----	1
2	Materials -----	2
3	Heat Energy -----	3
4	Light Energy -----	4
5	Magnets -----	5 - 6
6	Seed Dispersal -----	7
7	Reproduction in Animals And Plants -----	8
8	Forces -----	9 - 10

2026 P6 CCI™ SCIENCE COURSE

TOPIC: ANIMAL CYCLES

Qn	Answer
Q1A	<div> S D D </div> <div> S = Similarity D = Difference </div> <p>Pg 3 of P5 Topical Colour Notes Volume 1</p>
Q2A	<div> D D D </div> <p>Pg 3 of P5 Topical Colour Notes Volume 1</p>
Q3A	<div> <input checked="" type="checkbox"/> Adult <input checked="" type="checkbox"/> Egg </div> <p>2 (egg) + 5 (young) 7 weeks</p> <p>Pg 5 of P5 Topical Colour Notes Volume 1</p>
Q3B	<div> <input checked="" type="checkbox"/> Adult <input checked="" type="checkbox"/> Egg </div> <p>5 (larva) + 10 (pupa) 15 days</p> <p>Bonus Q: <input checked="" type="checkbox"/> Egg <input checked="" type="checkbox"/> Larva <input checked="" type="checkbox"/> Pupa <input checked="" type="checkbox"/> Adult</p> <p>Pg 5 of P5 Topical Colour Notes Volume 1</p>
Q4	<div> Larva Larva </div> <p>Pg 6 of P5 Topical Colour Notes Volume 1</p>

2026 P6 CCI™ SCIENCE COURSE

TOPIC: MATERIALS

Qn	Answer
Q1A	Strength Pg 15 of P5 Topical Colour Notes Volume 1
Q2A	Flexibility Pg 16 of P5 Topical Colour Notes Volume 1
Q2C	larger; J Pg 16 of P5 Topical Colour Notes Volume 1
Q3A	Waterproof Pg 17 of P5 Topical Colour Notes Volume 1
Q4A	Transparency Pg 19 of P5 Topical Colour Notes Volume 1
Q1	hot; slowly; quickly; Good Pg 20 of P5 Topical Colour Notes Volume 1
Q2	burnt; slowly; Poor Pg 20 of P5 Topical Colour Notes Volume 1
Q	Yes; B; B; A; C Yes; A; C; A; C; A No E and F Pg 21 of P5 Topical Colour Notes Volume 1

2026 P6 CCI™ SCIENCE COURSE

TOPIC: HEAT ENERGY

Qn	Answer
COLD WATER SCENARIO	loses heat to; water vapour; circle "OUTER"; circle "LOSES"; circle "TO"; condenses Pg 12 of P5 Topical Colour Notes Volume 2
HOT WATER SCENARIO	evaporates; water vapour; water vapour; circle "INNER"; circle "LOSES"; circle "TO"; condenses Pg 12 of P5 Topical Colour Notes Volume 2
HOT SOLIDS SCENARIO	circle "GAINS"; circle "FROM"; dumplings; circle "LOSES"; circle "TO"; condenses Pg 12 of P5 Topical Colour Notes Volume 2
Q1	circle "gained heat from"; expand Pg 20 of P5 Topical Colour Notes Volume 2
Q2	poor; faster; faster; expansion Pg 20 of P5 Topical Colour Notes Volume 2





2026 P6 CCI™ SCIENCE COURSE

TOPIC: LIGHT ENERGY

Qn	Answer				
Q	Tick the 2 nd , 3 rd and 4 th box Pg 2 of P5 Topical Colour Notes Volume 3				
Q1	X; Z; Y Pg 4 of P5 Topical Colour Notes Volume 3				
Q2	X; Y; Z Pg 4 of P5 Topical Colour Notes Volume 3				
Q3	P: Tick "Opaque" Q: Tick "Translucent" R: Tick "Opaque" S: Tick "Not Possible To Tell" Pg 5 of P5 Topical Colour Notes Volume 3				
Q4	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">faster</td><td style="width: 50%;">slower</td></tr> <tr> <td>towards</td><td>away from</td></tr> </table> Pg 5 of P5 Topical Colour Notes Volume 3	faster	slower	towards	away from
faster	slower				
towards	away from				

2026 P6 CCI™ SCIENCE COURSE

TOPIC: MAGNETS

Qn	Answer
SCENARIO 1	Tick "Case 2" and "Case 3" Pg 11 of P5 Topical Colour Notes Volume 3
SCENARIO 2	<p><u>Compass X</u></p> <p>S ↓ N</p> <p><u>Compass Y</u></p> <p>N ↑ S</p> <p><u>Compass Z</u></p> <p>→ S N</p> <p>Pg 11 of P5 Topical Colour Notes Volume 3</p>
SCENARIO 3	<p><u>Case 1</u></p>  <p><u>Case 2</u></p>  <p><u>Case 3</u></p>  <p><u>Case 4</u></p>  <p>Pg 11 of P5 Topical Colour Notes Volume 3</p>

SCENARIO 4	<table><tr><th>True</th><th>False</th><th>Not possible to tell</th></tr><tr><td></td><td></td><td>✓</td></tr><tr><td></td><td></td><td>✓</td></tr><tr><td>✓</td><td></td><td></td></tr><tr><td></td><td>✓</td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	True	False	Not possible to tell			✓			✓	✓				✓				
	True	False	Not possible to tell																
			✓																
			✓																
	✓																		
		✓																	
Pg 12 of P5 Topical Colour Notes Volume 3																			
CHALLENGE YOURSELF	D; A; C; B Pg 15 of P5 Topical Colour Notes Volume 3																		
CHALLENGE YOURSELF	Tick "CASE 3" Pg 17 of P5 Topical Colour Notes Volume 3																		
CHALLENGE YOURSELF	D; B; C; A Pg 19 of P5 Topical Colour Notes Volume 3																		
APPLYING THE 3 RULES OF MAGNETISM	Rule 2: The magnet's magnetism passed through the non-magnetic glass piece, Rule 3: to attract the magnetic paper clip. Pg 21 of P5 Topical Colour Notes Volume 3																		
	Tick rules 1 and 3. Pg 21 of P5 Topical Colour Notes Volume 3																		
CHALLENGE YOURSELF	Magnet A: Tick "More than 200 g" Magnet B: Tick "Less than 200 g" Pg 20 of P5 Topical Colour Notes Volume 3																		

2026 P6 CCI™ SCIENCE COURSE

TOPIC: SEED DISPERSAL

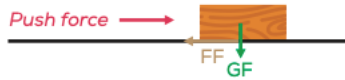
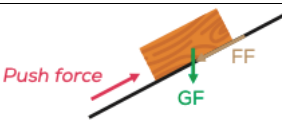
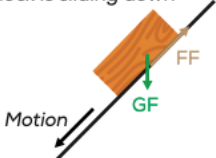

Qn	Answer
Q	B A Pg 17 of P5 Topical Colour Notes Volume 4

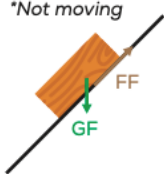
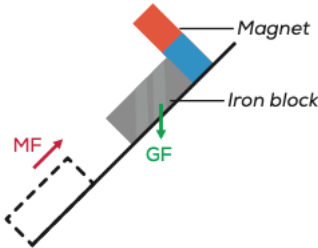
2026 P6 CCI™ SCIENCE COURSE
TOPIC: REPRODUCTION IN ANIMALS AND PLANTS

Qn	Answer	
Q2		
	True	False
		✓
		✓
Pg 35 of P5 Topical Colour Notes Volume 4		

2026 P6 CCI™ SCIENCE COURSE

TOPIC: FORCES

Qn	Answer
EXAMPLE 1	 <p>acting on ; greater ; FF ; between ; and</p> <p>Pg 35 of P6 Topical Colour Notes</p>
EXAMPLE 2	 <p>acting on ; greater ; FF ; between ; and ; GF ; acting on</p> <p>Pg 36 of P6 Topical Colour Notes</p>
EXAMPLE 3	<p><i>*Block is sliding down</i></p>  <p>GF ; acting on ; greater ; FF ; between ; and</p> <p>Pg 36 of P6 Topical Colour Notes</p>
EXAMPLE 4	<p><i>*Not moving</i></p>  <p>FF ; between ; and ; move</p> <p>Pg 36 of P6 Topical Colour Notes</p>

EXAMPLE 5	 <p>GF ; acting on ; equal to ; FF ; between ; and</p> <p>Pg 37 of P6 Topical Colour Notes</p>
EXAMPLE 6	 <p>MF ; attraction ; acting on ; greater than ; GF ; acting on</p> <p>Pg 37 of P6 Topical Colour Notes</p>