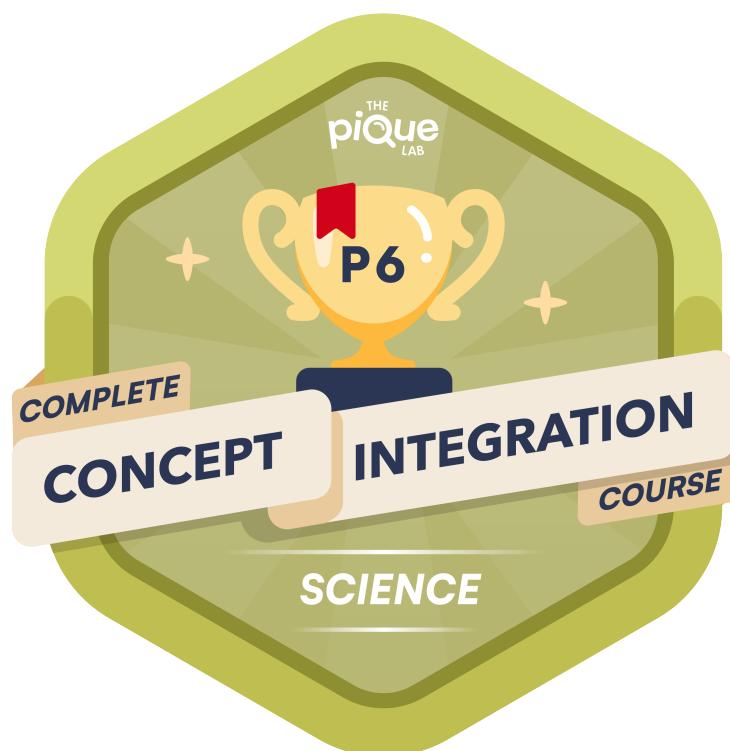




# THE PIQUE LAB LEARNING CENTRE

## Primary School Science Programme



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### P6 CCI™ SCIENCE COURSE

#### Answers to Colour Notes (2026)

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Name: \_\_\_\_\_

Class: \_\_\_\_\_

# TOPICS COVERED

<b>Topic</b>	<b>Title</b>	<b>Page</b>
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

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## 2026 P6 CCI™ SCIENCE COURSE

### TOPIC: ANIMAL CYCLES

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

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## 2026 P6 CCI™ SCIENCE COURSE

### TOPIC: MATERIALS

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

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## 2026 P6 CCI™ SCIENCE COURSE

### TOPIC: HEAT ENERGY

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

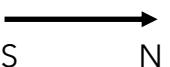
# **2026 P6 CCI™ SCIENCE COURSE**

## **TOPIC: LIGHT ENERGY**

Qn	Answer	
Q	Tick the 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> box	
	<b>Pg 2 of P5 Topical Colour Notes Volume 3</b>	
Q1	X; Z; Y	
	<b>Pg 4 of P5 Topical Colour Notes Volume 3</b>	
Q2	X; Y; Z	
	<b>Pg 4 of P5 Topical Colour Notes Volume 3</b>	
Q3	P: Tick "Opaque" Q: Tick "Translucent" R: Tick "Opaque" S: Tick "Not Possible To Tell"	
	<b>Pg 5 of P5 Topical Colour Notes Volume 3</b>	
Q4	faster towards	slower away from
	<b>Pg 5 of P5 Topical Colour Notes Volume 3</b>	

## 2026 P6 CCI™ SCIENCE COURSE

### TOPIC: MAGNETS

Qn	Answer
SCENARIO 1	<p>Tick "Case 2" and "Case 3"</p> <p><b>Pg 11 of P5 Topical Colour Notes Volume 3</b></p>
SCENARIO 2	<p><u>Compass X</u></p>  <p><u>Compass Y</u></p>  <p><u>Compass Z</u></p>  <p><b>Pg 11 of P5 Topical Colour Notes Volume 3</b></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><b>Pg 11 of P5 Topical Colour Notes Volume 3</b></p>

SCENARIO 4	<table border="1"> <thead> <tr> <th>True</th><th>False</th><th>Not possible to tell</th></tr> </thead> <tbody> <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> </tbody> </table>			True	False	Not possible to tell			✓			✓	✓				✓				
True	False	Not possible to tell																			
		✓																			
		✓																			
✓																					
	✓																				
<p><b>Pg 12 of P5 Topical Colour Notes Volume 3</b></p>																					
<p>CHALLENGE YOURSELF D; A; C; B</p>																					
<p><b>Pg 15 of P5 Topical Colour Notes Volume 3</b></p>																					
<p>CHALLENGE YOURSELF Tick "CASE 3"</p>																					
<p><b>Pg 17 of P5 Topical Colour Notes Volume 3</b></p>																					
CHALLENGE YOURSELF	<p>D; B; C; A</p>																				
	<p><b>Pg 19 of P5 Topical Colour Notes Volume 3</b></p>																				
	<p>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.</p>																				
CHALLENGE YOURSELF	<p><b>Pg 21 of P5 Topical Colour Notes Volume 3</b></p>																				
	<p>Tick rules 1 and 3.</p>																				
	<p><b>Pg 21 of P5 Topical Colour Notes Volume 3</b></p>																				
CHALLENGE YOURSELF	<p>Magnet A: Tick "More than 200 g" Magnet B: Tick "Less than 200 g"</p>																				
	<p><b>Pg 20 of P5 Topical Colour Notes Volume 3</b></p>																				

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**2026 P6 CCI™ SCIENCE COURSE**  
**TOPIC: SEED DISPERSAL**

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<b>Qn</b>	<b>Answer</b>
Q	B A

**Pg 17 of P5 Topical Colour Notes Volume 4**

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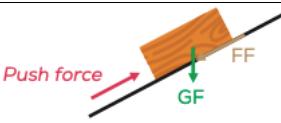
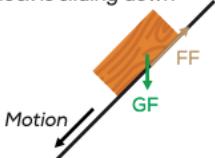
**2026 P6 CCI™ SCIENCE COURSE**  
**TOPIC: REPRODUCTION IN ANIMALS AND PLANTS**

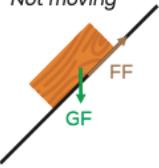
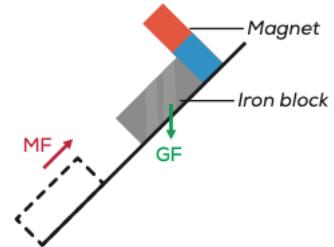
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<b>Qn</b>	<b>Answer</b>							
Q2	<table border="1"><thead><tr><th><b>True</b></th><th><b>False</b></th></tr></thead><tbody><tr><td></td><td>✓</td></tr><tr><td></td><td>✓</td></tr></tbody></table>	<b>True</b>	<b>False</b>		✓		✓	
<b>True</b>	<b>False</b>							
	✓							
	✓							
	<b>Pg 35 of P5 Topical Colour Notes Volume 4</b>							

# 2026 P6 CCI™ SCIENCE COURSE

## TOPIC: FORCES

Qn	Answer
EXAMPLE 1	 <p>acting on ; greater ; FF ; between ; and</p> <p><b>Pg 35 of P6 Topical Colour Notes</b></p>
EXAMPLE 2	 <p>acting on ; greater ; FF ; between ; and ; GF ; acting on</p> <p><b>Pg 36 of P6 Topical Colour Notes</b></p>
EXAMPLE 3	 <p>GF ; acting on ; greater ; FF ; between ; and</p> <p><b>Pg 36 of P6 Topical Colour Notes</b></p>
EXAMPLE 4	 <p>FF ; between ; and ; move</p> <p><b>Pg 36 of P6 Topical Colour Notes</b></p>

EXAMPLE 5	<p><i>*Not moving</i></p>  <p>GF ; acting on ; equal to ; FF ; between ; and</p> <p><b>Pg 37 of P6 Topical Colour Notes</b></p>
EXAMPLE 6	 <p>MF ; attraction ; acting on ; greater than ; GF ; acting on</p> <p><b>Pg 37 of P6 Topical Colour Notes</b></p>