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
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4	Light Energy	4
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6	Seed Dispersal	7
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2026 P6 CCI™ SCIENCE COURSE

TOPIC: ANIMAL CYCLES

Qn	Answer
Q1A	S D D S = Similarity D = Difference **Pg 3 of P5 Topical Colour Notes Volume 1**
Q2A	D D D **Pg 3 of P5 Topical Colour Notes Volume 1**
Q3A	☒ Adult ☑ Egg 2 (egg) + 5 (young) 7 weeks **Pg 5 of P5 Topical Colour Notes Volume 1**
Q3B	☒ Adult ☒ Egg 5 (larva) + 10 (pupa) 15 days Bonus Q: ☑ Egg ☑ Larva ☒ Pupa ☒ Adult **Pg 5 of P5 Topical Colour Notes Volume 1**
Q4	Larva Larva **Pg 6 of P5 Topical Colour Notes Volume 1**

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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**

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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**

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TOPIC: LIGHT ENERGY

Qn	Answer
Q	Tick the 2nd, 3rd and 4th 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	faster slower towards away from **Pg 5 of P5 Topical Colour Notes Volume 3**

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TOPIC: MAGNETS

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

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<table>
<tr><td>SCENARIO 4</td><td>
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<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>
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Pg 12 of P5 Topical Colour Notes Volume 3</td></tr>
<tr><td>CHALLENGE YOURSELF</td><td>D; A; C; B

Pg 15 of P5 Topical Colour Notes Volume 3</td></tr>
<tr><td>CHALLENGE YOURSELF</td><td>Tick “CASE 3”

Pg 17 of P5 Topical Colour Notes Volume 3</td></tr>
<tr><td>CHALLENGE YOURSELF</td><td>D; B; C; A

Pg 19 of P5 Topical Colour Notes Volume 3</td></tr>
<tr><td rowspan="2">APPYLING THE 3 RULES OF MAGNETISM</td><td>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</td></tr>
<tr><td>Tick rules 1 and 3.

Pg 21 of P5 Topical Colour Notes Volume 3</td></tr>
<tr><td>CHALLENGE YOURSELF</td><td>Magnet A: Tick “More than 200 g”
Magnet B: Tick “Less than 200 g”

Pg 20 of P5 Topical Colour Notes Volume 3</td></tr>
</table>

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

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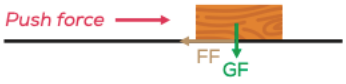
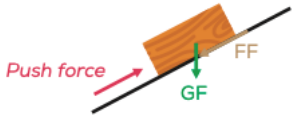
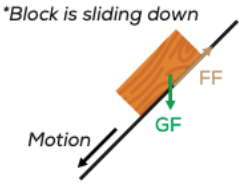
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Pg 35 of P5 Topical Colour Notes Volume 4
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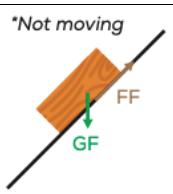
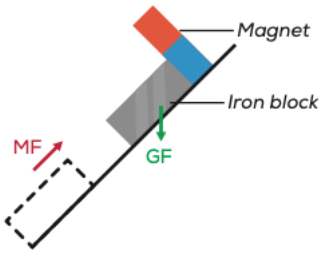
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TOPIC: FORCES

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

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

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