

## ANSWER SHEET 2: WATER CYCLE EXAM QUESTIONS MARK SCHEME

| Question |   |     | Marks  | Answer                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
|----------|---|-----|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| 1        | a | i   | 1<br>1 | Condensation – Z<br>Precipitation - X                                                                                                                                                                                                                                                                                         |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
|          |   | ii  | 1      | It cools.                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
|          | b | i   | 1      | Thermometer                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
|          |   | ii  | 1      | London                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
|          |   | iii | 1      | It is the warmest place:<br>- Accept "it's warmer", "it's hotter" or "it's the hottest".<br>- Accept "the other places are colder".<br>- Do not accept "it's warm" or "it's hot" unqualified as the marks are for a comparison.<br>- Do not accept "the other places are cold" unqualified as the marks are for a comparison. |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
| 2        | a |     | 4      | Marks                                                                                                                                                                                                                                                                                                                         | Literacy                                                                                                                                                | Content                                                                                                                                                                                                                                                    |                                     |
|          |   |     |        | 1 - 2                                                                                                                                                                                                                                                                                                                         | - Some spelling errors.<br>- Capitals and full stops often not used correctly.<br>- The answer has little organisation.<br>- Few scientific words used. | - The idea that there is water in the sea, rivers and lakes and in the sky.<br>- The idea that water moves in a cycle between these areas.                                                                                                                 |                                     |
|          |   |     |        | 3 - 4                                                                                                                                                                                                                                                                                                                         | - Few spelling errors<br>- Capital and full stops used correctly<br>- The answer is well organised<br>- Many scientific words are used                  | - The idea that water moves between the sea and sky by evaporation when it is warm<br>- The idea that water forms clouds as it rises and cools down<br>- The idea that water returns to the ground in precipitation and the sea as run off and underground |                                     |
|          | b |     | 2      | Award ZERO marks for only ONE correct row<br>Award ONE mark for TWO or THREE correct rows<br>Any row with more than one tick is marked incorrect                                                                                                                                                                              |                                                                                                                                                         |                                                                                                                                                                                                                                                            |                                     |
|          |   |     |        |                                                                                                                                                                                                                                                                                                                               | Supports                                                                                                                                                | Doesn't support                                                                                                                                                                                                                                            | Cannot tell                         |
|          |   |     |        | It is normally hotter in London than in Svalbard.                                                                                                                                                                                                                                                                             | <input type="checkbox"/>                                                                                                                                | <input type="checkbox"/>                                                                                                                                                                                                                                   | <input checked="" type="checkbox"/> |
|          |   |     |        | The temperature of an ocean and the amount of precipitation in towns close to it, are not related.                                                                                                                                                                                                                            | <input type="checkbox"/>                                                                                                                                | <input checked="" type="checkbox"/>                                                                                                                                                                                                                        | <input type="checkbox"/>            |
|          |   |     |        | The hotter a place is, the more evaporation there is.                                                                                                                                                                                                                                                                         | <input type="checkbox"/>                                                                                                                                | <input type="checkbox"/>                                                                                                                                                                                                                                   | <input checked="" type="checkbox"/> |
|          |   |     |        | It rains more in Edinburgh than London.                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>                                                                                                                                | <input type="checkbox"/>                                                                                                                                                                                                                                   | <input checked="" type="checkbox"/> |