**Peas and Snails -Marking Grid**

1a: Peas were *respiring;*

Releases *heat* energy 2

b. (Boiling had) killed/dead peas

 No respiration 2

2a. Pink (all tubes) 1

b. Tube 1 = pink

 Tube 2 = yellow

 Tube 3 = pink 3

c. Tube 3 1

d. Good = limewater would show if CO2 is produced;

 Bad = (lime water) may harm snails;

 Bad = limewater will not show if CO2 is removed; 1 **/25**

|  |  |  |
| --- | --- | --- |
|  | **mark** | **maximum** |
| Scales are in the correct orientation (Time on x, Temperature on y) |  | 1 |
| Scales are regular (1 mark for each) |  | 2 |
| Scales allow plots to use more than half the page (1 mark each) |  | 2 |
| Axes are both labelled – Time and Temperature (1 mark each) |  | 2 |
| Both axes have units (*hours* and *⁰C*) |  | 2 |
| Points are plotted to within *half a small* square |  | 2 |
| Smooth, thin line of best fit (no wobbles, double lines sketching) for A Ruler line for B |  | 2 |
| No extrapolation A and B (line goes beyond first or last point) |  | 1 |
| Clear key or labelling of A ***and*** B |  | 1 |
| Total |  | **15** |

|  |  |  |
| --- | --- | --- |
|  | **mark** | **maximum** |
| Scales are in the correct orientation (Time on x, Temperature on y) |  | 1 |
| Scales are regular (1 mark for each) |  | 2 |
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