

Progress Observation Opportunity – Writing frame

Name: _____

| | | | | |
|--|--|--|---|---|
| <p>The most important 'Big Idea' is forces. I know this because</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>The most important 'Big Idea' is particles. I know this because</p> <p>_____</p> <p>_____</p> <p>_____</p> | | <p>The most important 'Big Idea' is energy. I know this because</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>The most important 'Big Idea' is cells. I know this because</p> <p>_____</p> <p>_____</p> <p>_____</p> |
| <p>The names of the forces involved are</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>The particles form a</p> <p>_____</p> <p>_____</p> <p>because the particles</p> <p>_____</p> <p>_____</p> | <p>The names of the particles involved are</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>The names of the energies involved are</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>The names of the cells involved are</p> <p>_____</p> <p>_____</p> <p>They are different because</p> <p>_____</p> <p>_____</p> |
| <p>The force is greater than the _____ force.</p> <p>Therefore the forces are _____</p> <p>This causes the _____ to _____</p> <p>The resultant force is _____</p> <p>_____</p> | <p>Because of this, the _____ will _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>The particle splits into _____</p> <p>While the particle splits into _____</p> <p>The _____ bonds with _____</p> <p>_____ to form _____</p> | <p>The energy in the _____ is transformed into _____ energy</p> <p>in the _____.</p> <p>This causes _____</p> <p>_____</p> <p>_____</p> | <p>The _____ cell is adapted by having _____</p> <p>to aid its function of _____</p> <p>The _____ cell is adapted by having _____</p> <p>to aid its function of _____</p> |

Name: _____

POO Writing Frame: Forces

| | | |
|------------------------------------|--|---------------------------------|
| Year 7 Emerging | The most important 'Big Idea' is forces . I know this | |
| | because the | name object from question |
| | changed | [shape / speed / direction] |
| | when | describe event |
| Year 7 Developing | The names of the forces involved are | |
| | from the | [Drag / Air Resistance / |
| | from the | Thrust / Up thrust / Friction / |
| | from the | Weight (due to gravity) / |
| | from the | Grip / Tension / |
| | from the | Compression / Reaction / |
| | | Magnetic / Electrostatic] |
| Year 7 Securing Year 8 Emerging | The | largest force |
| | force is greater | |
| | than the | smaller (parallel) force |
| | force. | |
| | Therefore the forces are | [balanced / unbalanced] |
| | This causes the | name object from question |
| to | [accelerate / decelerate] | |
| | [left / right / up / down] | |
| | | |
| | The resultant force is | size, unit and direction |

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POO Writing Frame: Particles - Physical

| | | |
|--|--|--|
| Year 7 Emerging | The most important 'Big Idea' is particles . I know this because the _____ is made of matter. | name object from question |
| Year 7 Developing | The particles in the form a _____ This is because the particles are _____ | name object from question [solid / liquid / gas] [close and fixed in a lattice / are close but have no pattern / are spread out] |
| Year 7 Securing Year 8 Emerging | Because of this, the _____ | name object from question [holds it shape / takes the shape of the bottom of its container / fill its container] |

Name:

POO Writing Frame: Particles - Chemical

| | | |
|------------------------------------|--|---|
| Year 7 Emerging | The most important 'Big Idea' is particles . I know this because there is a chemical reaction | [in the / between the] name object from question |
| | | |
| Year 7 Developing | The names of the particles involved are | names of chemicals / atoms / molecules / ions |
| | | |
| Year 7 Securing Year 8 Emerging | The _____ and the _____ collide. | names of particle 1/ particle 2 |
| | This causes the _____ to split into | particle 1 (P1) smaller particles from P1 |
| | | |
| | While the _____ splits into | particle 2 (P2) smaller particles from P2 |
| | The _____ and the _____ then | particles from P1 & P2 new particle / chemical |
| | bond together forming | |
| | | |
| | While the _____ and the _____ then | particles from P1 & P2 new particle / chemical |
| bond together forming | | |
| | | |

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POO Writing Frame: Energy

| | | |
|------------------------------------|--|-----------------------------|
| Year 7 Emerging | The most important 'Big Idea' is energy . I know this | |
| | because the | name object from question |
| | has | action |
| Year 7 Developing | The names of the energies involved are | [Electrical / Sound / |
| | in the | Thermal / Light / Kinetic / |
| | in the | Nuclear / Chemical / |
| | in the | Gravitational / Elastic] |
| Year 7 Securing Year 8 Emerging | The | energy |
| | in the | source energy type |
| | is transformed into | energy source object |
| | in the | energy |
| | | resulting energy type |
| | object with resulting energy | |
| | This causes | |
| | | action / event |
| | | |
| | | |

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POO Writing Frame: Cells

| | | | | |
|------------------------------------|--|--|--|--|
| Year 7 Emerging | The most important 'Big Idea' is cells . I know this because the _____ is _____ which is living organism. | name object from question [part of a / produced by a] name of organism | | |
| | Year 7 Developing | The names of the cells involved are _____ | [White Blood / Red Blood / Muscle / Epithelial (Skin) / Sperm / Ovum (Egg) / Guard / Palisade] | |
| | | They are different from other cells because the _____ cell has _____ | name of cell 1 difference | |
| Whereas the _____ cell has _____ | | name of cell 2 difference | | |
| Year 7 Securing Year 8 Emerging | The _____ cell is adapted by having _____ to aid its function of _____ | Adaptation [Chloroplasts / Ribosome / Mitochondria / large surface area] | Function [Photosynthesis / Protein synthesis / Energy from Respiration / absorption] | |
| | The _____ cell is adapted by having _____ to aid its function of _____ | | | |

Name: