

Unit 4A Moving and growing

- I know that I have a skeleton.
- I can tell you what I observe when I look at a bone.
- I can make measurements when investigating a question.

- I can describe the main functions of a human skeleton.
- I can tell you what I observe when I look at a bone.
- I know that my skeleton grows as I grow.
- I know that both the skeleton and the muscles are important for movement.
- I can identify a question that could be investigated.
- I know how to collect and interpret reliable evidence in order to answer the question.
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- I know that when one muscle contracts another relaxes.
- I can judge the extent to which the evidence collected to answer a question supports the prediction made.

My favourite piece of work in this topic was:

I liked it because:

The most interesting thing I learned was:

Unit 4B Habitats

- I can identify some local habitats.
- I can name a few of the organisms that live there.
- With my teacher's help I can identify these animals using a key.
- I can make observations of animals and plants.

- I can use a keys by myself to identify organisms.
- I know the foods that some animals eat.
- I can distinguish between animals which eat plants and those which eat other animals.
- I can plan how to investigate some of the preferences of small animals found in the habitat.

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- I can make food chains to represent feeding relationships within a habitat.
- I know that food chains begin with a green plant which 'produces' food for other organisms.
- I can explain why it is important to use quite a large sample when investigating the preferences of small invertebrates.

My favourite piece of work in this topic was:

I liked it because:

The most interesting thing I learned was:

Unit 4C Keeping warm

- I know that temperature is a measure of how hot or cold objects are.
- I know some everyday uses of thermal insulators.
- I can use thermometers to measure temperature.
- I can present results in a table I have been given.

- I know some materials that are good thermal insulators and I know some of the ways they are used in everyday life.
- I know that the same materials keep cold objects cold as keep warm objects warm.
- I can use thermometers to measure temperatures.
- I can suggest ways I might investigate a question.
- I can make a table for my results.
- I can suggest explanations for my results.
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- I know that objects cool down or warm up to the temperature of their surroundings when they are left.
- I know that metals are both good thermal and good electrical conductors.

My favourite piece of work in this topic was:

I liked it because:

The most interesting thing I learned was:

Unit 4D Solids, liquids and how they can be separated

- I can name some materials that are solids and some materials that are liquids.
- I know that when ice melts it turns to a liquid.
- I know that salt or sugar dissolves in water but sand does not.
- I know that you can separate an undissolved solid from a liquid by filtering.

- I can describe the differences between solids and liquids.
- I can describe melting and dissolving and give some examples of each.
- I can name some materials that will and some that will not dissolve in water.
- I can explain why undissolved solids can be separated from a solution by filtering and show how to do this.
- I know that, although it is not possible to see a dissolved solid, it remains in the solution.
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- I know that some materials (e.g. metals) have to be heated to a very high temperature before they melt.
- I know that, when solids dissolve, they break up so small they can pass through the holes in the filter paper.

My favourite piece of work in this topic was:

I liked it because:

The most interesting thing I learned was:

Unit 4E Friction

- I know that friction is a force.
- I can describe some ways in which friction between solid surfaces can be increased.
- I can spot some trends or patterns in observations and measurements.

- I can describe some of the factors that increase friction between solid surfaces.
- I can describe some of the factors that increase air and water resistance.
- I can describe how to measure forces and describe how to investigate friction.
- I can explain what my results show.
- I can say how my results relate to other things I know and I have noticed in everyday life.

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- I can describe situations in which friction is helpful as well as those in which friction resists movement.

My favourite piece of work in this topic was:

I liked it because:

The most interesting thing I learned was:

Unit 4F Circuits and conductors

- I can make a simple working circuit.
- I can explain why some circuits work and others do not.

- I can make a circuit and use it to test whether materials are electrical conductors or insulators.
- I can make circuits to test how switches work.
- I can talk about the properties of metals and non-metals when I explain how these materials are used in electrical appliances.
- I can investigate the effects of changing parts of a circuit on the brightness of bulbs.
- I know it is important to change one thing at a time when making my tests.

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- I can explain how I matched different components for a particular circuit I have made.
- I can describe what may happen if the components are not matched.

My favourite piece of work in this topic was:

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The most interesting thing I learned was:
