

# NST Grade 4 Term 3 Week 1

## Memorandum

A.4.1. Tired; out of breath; sore legs; chest is heavy; need to rest; ....

A.5. We need energy to perform the 7 life processes.

A.6. We get our energy from the food we eat.

A.7. Animals, plants, cars, machines, Sun, ....

A.8. Animals get their energy from food they eat, plants get their energy from the Sun and from the nutrients in the soil, cars get their energy from the petrol/diesel, machines get their energy from fuels or electrical energy, the Sun gets the energy from the gases that burns.

B.2.1 Getting up from bed

B.2.2. Walking to the toilet

B.2.3. Eating breakfast

B.2.4. Concentrating on school work

B.2.5. Playing soccer.

B.3. Yes

B.4. Moving, Reproducing, Sensing, Breathing, Feeding, Excreting, Growing,



B.5.1. To bounce back from a surface, e.g. light is reflected back from a shiny surface.

B.5.1.2. To take something in, e.g. a sponge absorbs water, the earth absorbs heat.

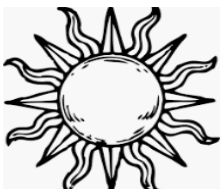
C.2. The Sun gives off light energy which is used by the plant to make food. The caterpillar eats the leaf to get energy to grow and move. The chameleon then eats the caterpillar.

C.3.1. The snake

C.4. It is energy from the Sun.

C.5. Firstly, the plants get energy from the Sun. The plants use the light energy to make food and grow. Animals then eat the plants or other animals that have eaten the plants in order to get their energy for their life processes.

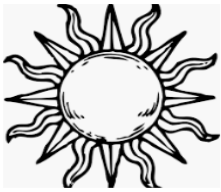
C.6. Sun → grass and shrubs (plants) → impala → lion



C.7. Some fossil fuels are coal, natural gas, oil.

C.8. Plants and animals from millions of years ago stored energy from the Sun. These plants and animals died and were buried over time. They have been under the ground for millions of years and have turned into fossil fuels

C.9.1. pap: Sun → mealies → rice → person



C.9.2. wors: Sun → plants → cow → wors → person

