

MEMORANDUM

A.1.

A.1.1. Robot lights flashing

A.1.2. Car moving

A.1.3. Playing a guitar

A.1.4. Running – away from the police or to catch a criminal

A.1.5. Driving a car

A.2.1. Hold your hands/object closer to the light source.

A.2.2. Hold your hands/object further away from the light source.

A.3.2. Yes

A.3.3. Picture 1: Candle

Picture 2: Wood fire

Picture 3: Sun

A.3.4.

Gas stove	Hair dryer	Electric kettle
Electric stove	Electric blanket	Light bulb
Electric heater	Toaster	Gas heater

A.4.1. It stops the heat from her body leaving

A.4.2. What is the blanket actually doing for us, i.e. does it give off/contain heat energy? No. So, therefore a blanket is not a SOURCE of heat energy, it is a means by which to KEEP heat energy in a space. The blanket is providing insulation.

A.4.3. Yusuf has movement energy as he is running while he flies a kite. Ayesha has movement energy when she is swinging her arms as she plays the marimba/instrument. Tom and Jerry have movement energy as they are kayaking and moving their arms and body through the water.

B.2. a rapid to and fro (back and forth) movement across a central point that is repeated