

Science - Grade 10		
Item	Performance Indicator	Standard
1	Attend to temperature changes (heat) being produced by rubbing.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
2	Identify that temperature changes (heat) can be produced by a heat source (e.g. burner, fire).	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
3	Identify that temperature changes (heat) can move from one object to another.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
4	Identify the changes in matter from solid to liquid to gas as temperature increases or from gas to liquid to solid as temperature decreases.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
5	Identify the changes in matter from solid to liquid to gas as temperature increases or from gas to liquid to solid as temperature decreases.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
6	Recognize that the model represents an element.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
7	Attend to something moving.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
8	Recognize that motion is caused by outside forces.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
9	Recognize that motion is caused by outside forces. (e.g. a push causes something to move)	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
10	Demonstrate that some objects are attracted or repelled by magnets, and some objects are not affected by magnets.	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.
11	Recognize that motion is caused by outside forces. (e.g. a push causes something to move).	Standard 2: Students demonstrate knowledge of properties, forms, changes and interactions of physical and chemical systems, and demonstrate the thinking skills associated with this knowledge.

12	Attend to cells.	Standard 3: Students demonstrate knowledge of characteristics, structures and function of living things, the process and diversity of life, and how living organisms interact with each other and their environment, and demonstrate the thinking skills associated with this knowledge.
13	Recognize bacteria/germs.	Standard 3: Students demonstrate knowledge of characteristics, structures and function of living things, the process and diversity of life, and how living organisms interact with each other and their environment, and demonstrate the thinking skills associated with this knowledge.
14	Identify a microscope.	Standard 3: Students demonstrate knowledge of characteristics, structures and function of living things, the process and diversity of life, and how living organisms interact with each other and their environment, and demonstrate the thinking skills associated with this knowledge.
15	Identify one or two places where bacteria/germs might be found.	Standard 3: Students demonstrate knowledge of characteristics, structures and function of living things, the process and diversity of life, and how living organisms interact with each other and their environment, and demonstrate the thinking skills associated with this knowledge.
16	Identify that bacteria/germs cause some diseases.	Standard 3: Students demonstrate knowledge of characteristics, structures and function of living things, the process and diversity of life, and how living organisms interact with each other and their environment, and demonstrate the thinking skills associated with this knowledge.
17	Recognize that medical treatment received is a benefit of scientific or technological innovation.	Standard 5: Students understand how scientific knowledge and technological developments impact today's societies and cultures.
18	Attend to weather measurement instruments.	Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
19	Identify the thermometer in preparation for reading the temperature from it.	Standard 1: Students design, conduct, evaluate, and communicate processes and results of scientific investigations, and demonstrate Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.

20	Read a thermometer.	Standard 1: Students design, conduct, evaluate, and communicate processes and results of scientific investigations, and demonstrate the thinking skills associated with this procedural knowledge. Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
21	Identify the tools and resources needed for the investigation.	Standard 1: Students design, conduct, evaluate, and communicate processes and results of scientific investigations, and demonstrate the thinking skills associated with this procedural knowledge.
22	Get information about the weather from a weather report.	Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
23	Attend to the Sun, Moon, and stars.	Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
24	Identify the Sun.	Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
25	Recognize a simple telescope.	Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
26	Identify that light and heat come from the Sun.	Standard 1: Students design, conduct, evaluate, and communicate processes and results of scientific investigations, and demonstrate the thinking skills associated with this procedural knowledge. Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
27	Given an investigation, identify the things that change in the investigation.	Standard 1: Students design, conduct, evaluate, and communicate processes and results of scientific investigations, and demonstrate the thinking skills associated with this procedural knowledge.

28	Identify that light and heat come from the sun.	Standard 4: Students demonstrate knowledge of the composition, processes and interactions of Earth's systems and other objects in space, and demonstrate the thinking skills associated with this knowledge.
----	---	--