

## Essential Learning 1: Identify questions that can be investigated scientifically (Science)

<b>T</b>	<p>I can generate questions and problems that can be investigated scientifically</p> <p>I can create hypothesis based on my scientific knowledge</p> <p>I can plan experiment to consider the impact of different variables</p>
<b>M</b>	<p>I can generate questions and problems that can be investigated scientifically</p> <p>I can make predictions based on scientific knowledge and justify answers</p> <p>I can plan experiment to consider the impact of different variables</p>
<b>R</b>	<p>I can generate questions and problems that can be investigated scientifically</p> <p>I can make predictions based on scientific knowledge and justify answers</p> <p>I can explain the impact of different variables</p>
<b>A</b>	<p>I can identify questions and problems that can be investigated scientifically</p> <p>I can make predictions based on scientific knowledge</p> <p>I can identify different variables</p>
<b>L</b>	<p>I can understand questions and problems that can be investigated scientifically</p> <p>I can make predictions based on information provided</p> <p>I can list different variables</p>
<b>L</b>	<p>I can explore questions and problems that can be investigated scientifically</p> <p>I can make predictions based on choices given</p>

## Essential Learning 2: Can safely plan and conduct experiments (Science)

T	I can lead experiment to test a scientific question. I can explain and mitigate safety risks when planning and conducting an experiment
M	I can plan experiment to test a scientific question. I can explain and mitigate safety risks when planning and conducting an experiment
R	I can plan and conduct multiple procedures to conduct a complex experiment I can identify and mitigate safety risks when planning and conducting an experiment
A	I can plan and conduct multiple procedures to conduct an experiment I can identify safety risks and safety features when planning and conducting an experiment
L	I can plan and conduct multiple procedures to conduct a simple experiment I can identify safety risks and safety features from a list of choices when planning and conducting an experiment
L	I can plan and conduct multiple procedures to conduct a simple experiment with support I can identify safety risks and safety features from a list of choices when planning and conducting an experiment with support

**Essential Learning 3: Can communicate ideas, methods and findings using scientific language and appropriate representations (Science)**

T	I can use complex scientific terms in a range of scientific context. I can analysis and evaluate the data that I have collected.
M	I can use complex scientific terms in a range of scientific context. I can analysis the data that I have collected.
R	I can use complex scientific terms in the correct context I can record data consistently, logically and accurately in tables
A	I can use a mixture of common and complex scientific terms in the correct context I can record data accurately in tables
L	I can use common scientific terms in the correct context I can record a range data
L	I can use basic scientific terms in the correct context I can record simple data