

Additive Assessment Rubric: Session 2 - Electromagnetism

With an additi□
before the activities begin and encourage students to achieve to their highest potential.

	1	+2	+3	+4	+5
<p>Science Content: Student understands the concept of electromagnetism</p>	<p>*Level 2 tasks attempted but not completed or mastered.</p>	<p>*Student, through successful completion of activity 1, discovers magnetic fields around their school or classroom using the compass. *Student demonstrates that they know Earth has a magnetic field and it acts almost like a bar magnet. *Student knows that their compass can detect the magnetism of Earth as well as smaller magnetic fields.</p>	<p>*Student, through successful completion of activity 2, recognizes changes in the compass when near an electric current (electricity). *Student demonstrates, through successful completion of activity 3, that they understand how magnets and coils of electrical currents are alike and different.</p>	<p>*Student, using the compass and through successful completion of activity 4, recognizes the greatest magnetic field between two differing coils and voltages. *Student knows that electricity flowing in wires creates an invisible magnetic field. *Student knows that their compass is detecting the magnetic field coming from sources of electricity.</p>	<p>*Student, through successful completion of activity 5, recognizes changes in the galvanometer/ ammeter when different sized magnets are passed through differing coils. *Student identifies the factors that affect the size of currents induced in the circuit. *Student fully demonstrates comprehension of electromagnetism through successful exploration of activities and 90% and above correctness in activity worksheets.</p>
<p>Collaborative Worker</p>	<p>Participates but does not successfully complete one or more requirements of Level 2.</p>	<p>Arrives on time with materials. Shows respect for others; cares for equipment and resources.</p>	<p>Stays focused on assigned task and helps others do the same. Shares work equally.</p>	<p>Facilitates the participation of all in group. Tutors and/or supports other students.</p>	<p>Takes all group roles with equal skill. Assists others as they learn to do the same.</p>