

Additive Assessment Rubric: Session 1 - Magnetism

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before the activities begin and encourage students to achieve to their highest potential.

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| | 1 | +2 | +3 | +4 | +5 |
| Science Content: Student understands the concept of magnetism. | *Level 2 tasks attempted but not completed or mastered. | *Student understands how a compass operates and that some metals contain a property known as magnetism. *Student knows that a compass is made up of a tiny magnet that aligns itself with a larger magnetic field. | *Student recognizes changes in the compass when brought near a metal with magnetic properties. *Student, through successful completion of activity 1, is able to detect and draw a magnetic field using the compass. | *Student predicts what the magnetic field of both a single and double bar magnet would be. *Student knows that a magnet has an invisible force field and that bar magnets have two poles. *Student, through successful completion of activity 2, discovers that similar poles will repel each other and opposite poles will attract each other. | *Student predicts what will happen as iron shavings come in contact with a metal containing magnetic properties. *Student successfully completes activity 3 by correctly identifying the reaction of iron shavings to metals with magnetic properties. *Student makes the connection between these invisible forces measured by their compass and the concept of magnetism. *Student fully demonstrates comprehension of magnetic fields through successful exploration of activities and 90% and above correctness in activity worksheets. |
| Collaborative Worker | Participates but does not successfully complete one or more requirements of Level 2. | Arrives on time with materials. Shows respect for others; cares for equipment and resources. | Stays focused on assigned task and helps others do the same. Shares work equally. | Facilitates the participation of all in group. Tutors and/or supports other students. | Takes all group roles with equal skill. Assists others as they learn to do the same. |