**Assessment sheet used throughout the lesson series.**

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| --- | --- | --- | --- |
|  | Achieved | Developing | Beginning |
| I can ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool (K-2-ETS1-1). | Strong evidence of understanding the problem, as shown in the questions asked and statements made about the problem and solution.Applies engineering design process to additional real world ideas.Evaluates and defends own solution and peers’ solutions. | Understands most of the problem, as shown in the questions asked and statements made about the problem and solution.Applies engineering design process to real world ideas discussed in the lesson.Evaluates and defends own solution or peers’ solution. | Demonstrates limited understanding of the problem and solution.Does not yet apply engineering design process to real world ideas.Does not yet evaluate or defend solutions. |
| I can define a simple design problem that can be solved by applying scientific ideas about magnets (3-PS2-4). | Presents clear explanation of how magnetic levitation would function to solve the given problem.Applies understanding of magnetic levitation in sketches and model.  | Presents somewhat clear explanation of how magnetic levitation would function to solve the given problem.Applies partial understanding of magnetic levitation in sketches and model. | Presents unclear explanation of how magnetic levitation would function to solve the given problem.Develops sketch or model. |