

Group Members _____

My _____ Experiment

	Plan	Questions	Conclude	Present
4	Group's planning reflects a high level of interest and a problem-solving mindset.	Group expresses questions that demonstrate interest and curiosity and frames questions so that they can be answered through experimentation.	Group's conclusions reflect a clear (yet age-appropriate) grasp of both the content and how experimentation reinforces understanding of content.	Group provides thorough, detailed, informative description of all components of the exercise and relates the learning achieved in each step.
3	Group shows confidence in the prospect of engaging with materials to explore concepts.	Group demonstrates curiosity with open-ended "why" and "how" questions.	Group completes "because" answers with confidence and little prompting.	Group recounts plans, questions, and conclusions from the exercise accurately and expresses science concepts accurately.
2	Group makes some connection between questions and possible uses of materials to answer them. Group may require prompting to move forward.	Group can consider and expand upon question prompts, but does not engage in self-driven inquiry.	Group records observations but struggles to process them into applicable conclusions.	Group gives brief descriptions of steps performed during the activity, but struggles to note the relevance between them.
1	Entries reflect little or no recognition of experimentation as a means to answer questions.	Group has difficulty formulating self-originating questions related to science inquiry.	Group does not record logical connections between observations of outcomes and their relevance.	Group has difficulty recounting the purpose, procedure, and relevance of the exercise.