



2025-2026 STEAM Fairs Maker Division - Model Project Description & Rubric Preschool

Project Overview:

Scientists use models to share their ideas. A model is something you make, build, or draw to help others understand what you are thinking. For the STEAM Fair, you will create a model to show what you are learning. You might use blocks, paper, clay, or other materials. Keep track of your project steps and ideas in an engineering notebook.

Your model should show your idea, be fun to share, and use art to bring your project to life. Colors, shapes, drawings, and decorations can help make your model expressive and unique.

Tri-Fold Board Expectations:

Maker Division - Model		
Preschool Display Board		
Why My Model Matters	(Title) (Project Story)	Reflection
Ideas & Planning	My Model (Show pictures, drawings, and the final model with labels)	What did I learn?
		What would I do differently?

Engineering Notebook Expectations:

- Research notes
- Sketches from planning
- Material lists
- Procedures for building
- Reflection



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Preschool

Student Names:				Grade:	
Teacher's Name				Project Title:	
Category	Exceeds Expectations	Meets Expectations	Approaching	Beginning	
Title & Story (10)	10 Has a creative title and tells a clear story about the model	8-9 Has a clear title and simple story about the model	5-7 Has a title but story is hard to understand	0-4 No title or story	
Why My Model Matters (10)	10 Clearly explains why the model is important and why they chose it	8-9 Explains why the model is important	5-7 Gives a simple reason why they made it	0-4 No explanation given	
Ideas & Planning (10)	10 Includes several accurate facts, key words, and discoveries; shows strong understanding	8-9 Includes some accurate facts and key words	5-7 Includes few facts; some may be unclear or incomplete	0-4 Little or no research provided	
Engineering Notebook (10)	10 Notebook has clear drawings, notes, or teacher-dictated words showing ideas and changes	8-9 Notebook has some drawings or notes	5-7 Notebook has very few drawings/notes	0-4 Notebook is missing or almost empty	
Building the Model (20)	20 Model is neat, complete, and labeled; shows effort and care	15-19 Model is mostly neat and complete	10-14 Model is incomplete, messy, or missing labels	0-9 Model not built or missing most parts	
Art & Creativity (15)	15 Uses art (colors, shapes, textures) in a very creative way; model looks expressive	11-14 Uses some colors, shapes, or textures to make the model creative	7-10 Shows a little artistic effort	0-6 Shows no artistic effort	
Sharing About My Model (15)	15 Explains the model clearly with details; uses drawings, words, or labels	11-14 Explains the model with some details	7-10 Explains a little about the model	0-6 Cannot explain the model	
Reflection (10)	10 Shares what was learned; explains what worked and what could change next time	8-9 Shares something learned about the model	5-7 Shares a little about the model	0-4 Does not share what was learned	

****Students/Teachers are to complete the top portion of this form and make sure it is attached to the STEAM Fair project for judges to reference, all scores are entered through the shared digital scoring form.****