Engineering design process for a coral reef

Ask: Identify a need or a problem.	Imagine: Brainstorm and choose the best ideas.	Plan: Develop a plan and gather materials.	Create: Follow your plan and build your design.	Improve: Think about what worked and what could be improved.
Our ocean friends need a home! Your task is to design and build a coral reef for our species. The reef must provide food and shelter for the species on your cards.	Take two minutes per team member and listen carefully to each other's ideas! **Consider all ideas and come to an agreement on what to include on the reef.**	**Draw a plan of what your reef will look like!** Consider materials, what types of corals to include, their shape, how they're held together, and what everyone's job is.	**Put your plan into action and build your design!** Remember: use your time wisely and make sure everyone has a job.	**Share your designs with the class!** Then, reflect on how your reef came out, what you would change, how you worked together, and what your favorite part was.
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