

# WEBELOS MODULAR DESIGN ADVENTURE



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**Complete the following requirements.**

1. Learn what modular design is and identify three things that use modular design in their construction.
2. Identify three benefits to using modular design.
3. Using modular-based building pieces, build a model from a set of instructions.
4. Using modular-based building pieces, build a model without a set of instructions. The model may represent something real or fictional.
5. Using the model you made in requirement 4, create a set of step-by-step instructions on how to build your model. Have someone build your model using your instructions.
6. Share your model with your den and/or family. Explain what your model is designed to do.
7. With your parent or legal guardian's permission, watch a video demonstrating how something was built using modular design.

