<http://www.USScouts.Org>

Please submit errors, omissions, comments or suggestions about this **checklist** to: [Workbooks@USScouts.Org](mailto:Workbooks@usscouts.org?subject=Cub%20Scout%20Workbooks)

Comments or suggestions for changes to the **requirements** should be sent to: [Advancement.Team@Scouting.Org](mailto:Advancement.Team@Scouting.Org)

Cub Scout’s Name: Pack No. :

**Source for requirements:** [**https://www.scouting.org/programs/cub-scouts/preview-adventures/modular-design/**](https://www.scouting.org/programs/cub-scouts/preview-adventures/modular-design/)

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| **This adventure is an preview adventure which can be used**  **while in the Arrow of Light program .** |

**Complete the following requirements:**

**⬜ 1. Learn what modular design is**

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**⬜ and identify three things that use modular design in their construction.**

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| **1.** |  |
| **2.** |  |
| **3.** |  |

**⬜ 2. Identify three benefits of using modular design.**

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| --- | --- |
| **1.** |  |
| **2.** |  |
| **3.** |  |

**⬜ 3. Using modular-based building pieces, build a model from a set of instructions.**

**⬜ 4. Using modular-based building pieces, build a model without using a set of instructions. The model may represent something real or imagined.**

**⬜ 5. Using the model you made in requirement 4, create a set of step-by-step instructions on how to make your model.**

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**⬜ 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.**

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**⬜ 7. Without building it, design a model that uses modular-based building pieces.**

**⬜ Create a set of step-by-step instructions.**

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**⬜ 8. With your parent or legal guardian's permission, watch a video demonstrating how something was built using modular design.**