

PROGRAM

Map Making

Time Required:	Materials Needed:
30 min – 1 hour (can take longer for older children who measure)	Measuring Tape, Ruler, Paper, Pencil/Pen, Crayons or Colored Pencils

Brief Description of Activity:
Participants will use a floor or the whole house to make a bird’s eye view map. Older children can measure the rooms, make a scale, and have a legend for the different types of floors and rooms.
Kid-Friendly Purpose of Activity:
<p><i>We are going to make a map! You are going to draw our house as if you are looking down on it through the ceiling. The rooms should have lights, chairs, beds, etc. Any building or construction project had careful blueprints (map) to show how it should be built. The scale of the map is very important!</i></p> <p><i>If you have a measuring, tape, measure the rooms and make your drawing to scale! Add as much detail as you can!</i></p>

Step-by-Step Guide:
<ol style="list-style-type: none"> 1. Have the youth walk around a floor of the house that they will draw. Have them think about how the floor is shaped and where hallways, closets, and rooms are. 2. For younger youth, have them draw a blueprint of the house as best they can with the shape. Have them fill in where furniture and lights are. They can color different types of rooms as different colors (ex. Blue are bedrooms, red are bathrooms, etc.) 3. Go over the map blueprint with the participants and see how they did. 4. Now have them make a blueprint of what they want their future house to look like. Have them color the different rooms in, make sure there is furniture, and all necessary rooms (kitchen, bathroom, etc.)
<p>*OLDER PARTICIPANTS*</p> <ol style="list-style-type: none"> 1. Have the youth walk around a floor of the house that they will draw. Have them think about how the floor is shaped and where hallways, closets, and rooms are. 2. Have them draw a general outline of what the floorplan looks like so they can write measurements down. 3. Youth will use a measuring tape to measure the wall lengths in all the rooms of the floor they have chosen and record them. 4. Have youth decide on a scale to use for the actual lengths verse the length on the floorplan they will draw. 5. Youth will draw a to-scale floorplan with their measurements. 6. Youth can add a legend with different colors being different rooms.

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Reflection

- Maps have important so that we can get around and know where things are!
- Did your map end up scaling of our actual house? What would happen if maps were not to scale? (Look at a map of US or globe).

Level Adjustments

- Older participants can add more details, and create a floorplan for all levels of the house.

Additional Notes

- You can have youth look at different maps before or after the lesson so they can see why details and scaling are important.
- Youth can learn about construction and why blue prints are important for buildings, wood projects, crafts, and much more!