

LESSON 2

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Get Started/Explain: Students will develop a blueprint or floorplan of a tiny home, using grid paper. The home will be under 600 sq ft, not to exceed 8 ft wide and 12 ft high. The house will include all standard amenities.		
 Discover/Engage/Practice: Students will design a floorplan to include the location of doors, windows, stairs, closets, as well as all necessary appliances such as a washer, dryer, stove, refrigerator, etc. Identify the type of material the roof will be constructedshingles, metal, ceramic tile? Will the house have a porch or deck? Calculate the square footage of the entire home. Develop and include a scale of measurement on the plans (e.g., 1/8inch= 1inch) Determine which building materials will be necessary for the construction of the home. Decide how the home will be heated and/or cooled. Plan the routing of the required plumbing system. Properly label each part of the house. 		
 Check for Understanding/Summarize/Close: The student completed a house plan to scale, including all necessary requirements for a functional home, including appliances. The home meets the requirements of being under 600 sq ft, not to exceed 8ft wide and 12 ft high. Students share their creations and discuss their blueprints, the various parts of the house, and different construction components, i.e., wiring, plumbing, etc. 		
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