



2021 DWELLINGS DESIGN IDEAS FORM

Name(s): _____ Grade: _____

GET YOUR IDEAS ON PAPER: Before you begin to sketch out your ideas for a dwelling, figure out some of the details about what you're going to build! Once you're done building, you will redo a worksheet like this that tells your audience about your model

Give your dwelling a name: _____

Who are you building your dwelling for (who is your client)? _____

ORGANIZING & DESIGNING: Describe your dwelling in each of the following areas. *If needed, use a separate piece of paper for each.*

SIZE: What dimensions does your dwelling need to be? (Think: width, length, height) _____

SHAPE: What shape will your dwelling be? How will that shape best suit your client(s) needs? _____

LOCATION: Where is your dwelling? (indoors vs. outdoors; rural vs. urban) _____

ORIENTATION: What direction does your dwelling face? How does it relate to its surroundings? _____

TREATMENT: What will your dwelling be made of? How do those materials impact your dwelling? (Think: aesthetically pleasing, structurally sound, helpful to the environment) _____

SITE: How does your dwelling protect & work with the natural environment? _____

WATER: Does your dwelling collect, use and protect water wisely? _____

ENERGY: Does your dwelling produce energy? Does your dwelling use energy? How do you conserve energy? _____

MATERIALS & RESOURCES: Are your materials, safe, efficient, recycled, recyclable, produced locally? _____

ENVIRONMENTAL QUALITY: How does your dwelling benefit the environment? _____

SUSTAINABILITY: How is your dwelling going to last for many years? _____

What innovations could be used to make your dwelling more sustainable? _____

QUESTIONS:

Do you have anything that you still need to decide on for your model? _____

Do you have any questions about how you can build an aspect of the model? _____

Do you have any additional questions for your teacher or volunteer? _____