Climate Appropriate House Design Worksheet

City: _____ Country: _____

Climate description: ❏ arctic/snowy   ❏ desert/hot   ❏ tropical/rainy   ❏ other _____

Number of rainy/snowy days each year:_____

Latitude: _____   Altitude: _____

Summer average temperature: _____

Winter average temperature: _____

Our engineering challenge for our house: _____

_____

Characteristics that our house and roof need to have: _____

_____

Rough Sketch: (Draw the house and roof; label its parts and materials.)

After testing, what adjustments do you need to make to the design? _____

_____

Final Design: (Use the back of this paper if you need more space):

Top View (floor plan)   *Side View*