**Alternative Home Project Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Guided Research**

 **Period\_\_\_\_\_\_**

**I. Home Power Generation-Electricity**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size (Watts)** | **Cost Each** | **Number** | **Total Cost** |
| **Solar Panels** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Wind generators** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Hydroelectric Generators** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Alt. Fuel Generator** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**II. Batteries**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost Each** | **Number** | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**III. Inverters**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size****(Watts)** | **Cost Each** | **Number** | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**IV. Appliances**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost****Each** | **Number** | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**V. Sewage Disposal-toilet**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and****Model** | **Size** | **Cost Each** | **Number** | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**VI. Grey Water system**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost Each** | **Number**  | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**VII. Recycling**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost Each** | **Number**  | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**VIII. Compost Systems**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost Each** | **Number**  | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**IX. Hot Water Heater**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost Each** | **Number** | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**X. Water Pump and filter**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost Each** | **Number** | **Total Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**XI. Transportation:** Select an alternative fuel vehicle or vehicles. In the space below, give the year, make, model, price, features, options and reason you selected this vehicle. If possible, include a picture

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Make and Model** | **Features and Options** | **Reason for selection** | **Total Cost** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**XII. Misc.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Brand and Model** | **Size** | **Cost****Each** | **Number** | **Cost** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |