Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_

**Aim**: How much space is necessary to provide us with the resources we need?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Resource | Why would space be required to give us this resource?*In your own words:* | | In what way does the production of this resource impact the carbon budget?*In your own words:* | |
| Reason 1 | Reason 2 | Impact 1 | Impact 2 |
| Oxygen |  |  |  |  |
| Water |  |  |  |  |
| Food |  |  |  |  |
| Shelter |  |  |  |  |
| Heat |  |  |  |  |
| Waste disposal |  |  |  |  |
| Electricity |  |  |  |  |
| Clothing |  |  |  |  |
| Transportation |  |  |  |  |

Check each box when activity is complete:

|  |  |  |
| --- | --- | --- |
|  | A | (3 min) Daily environmental conditions.  (5 min) Students take out and briefly review HW. |
|  | B | (10 min) Quiz on newly acquired vocabulary and concepts |
|  | C | Consider: What resources are essential to **human life**? What resources are essential to **human comfort**?  *In your notebook*, create TWO lists to answer these two questions. |
|  | D | (10 min) Students work in pairs to complete chart on reverse of this paper. |
|  | E | Wrap up: Answer in the space below: what is a carbon footprint (aka ecological footprint)? |