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RESOURCE AREA FOR TEACHING

MAKER JOURNAL

Name:_____   Date:_____

Project/Unit: Reduce Human Impact on the Environment   Lesson: 1

Use the information on the following page "The Energy I Used Today" to calculate a score for your energy use at school. Add the points associated with each activity

Item	Points
Example: Computer	*3 (Example, do not add to your total)*
	TOTAL:
Now mutiple this score by the number of school days to calculate your energy usage for the school year. (Your teacher can provide the number of school days)	**X _____**
School Year (Estimated) Total:	

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Name:_____

Date:_____

The Energy I Used Today

Waking Up
Alarm Clock or Radio..2

Breakfast
Microwave..2
Stove/Oven...5
Toaster Oven/Toaster.......................................3
Refrigerator...3

Ready for School
Air Conditioning/Heating...............................10
Radio/CD Player/MP3 Player/iPod................2
TV/DVD Player 3
Gaming System..3
Shower/Bath 3
Hair Dryer 3
Curling Iron/Curlers/Flat Iron 3
Telephone/Cell Phone 2
Computer 3
iPad/Tablet...2

Room Lighting
Bedroom...2
Bathroom 2
Kitchen 2
Family Room..2
Other...2

Getting to School
Walk...0
Bicycle...0
School Bus..1
Carpool...2
Family Vehicle 5

After School
Air Conditioning/Heating...............................10
Travel in Vehicle 5
Lights 2
Computer 3
iPad/Tablet...2
Gaming System 3
Radio/CD Player/MP3 Player/iPod.................2
TV/DVD Player 3
Telephone/Cell Phone 2
Snack Preparation 2

Last Night
Air Conditioning/Heating...............................10
Microwave..2
Stove/Oven...5
Toaster Oven/Toaster 3
Refrigerator...3
Grill 2
Lights 2
TV/DVD Player 3
Gaming System 3
Shower/Bath 3
Hair Dryer 3
Telephone/Cell Phone 2
Computer 3
iPad/Tablet...2
Radio/CD Player/MP3 Player/iPod.................2

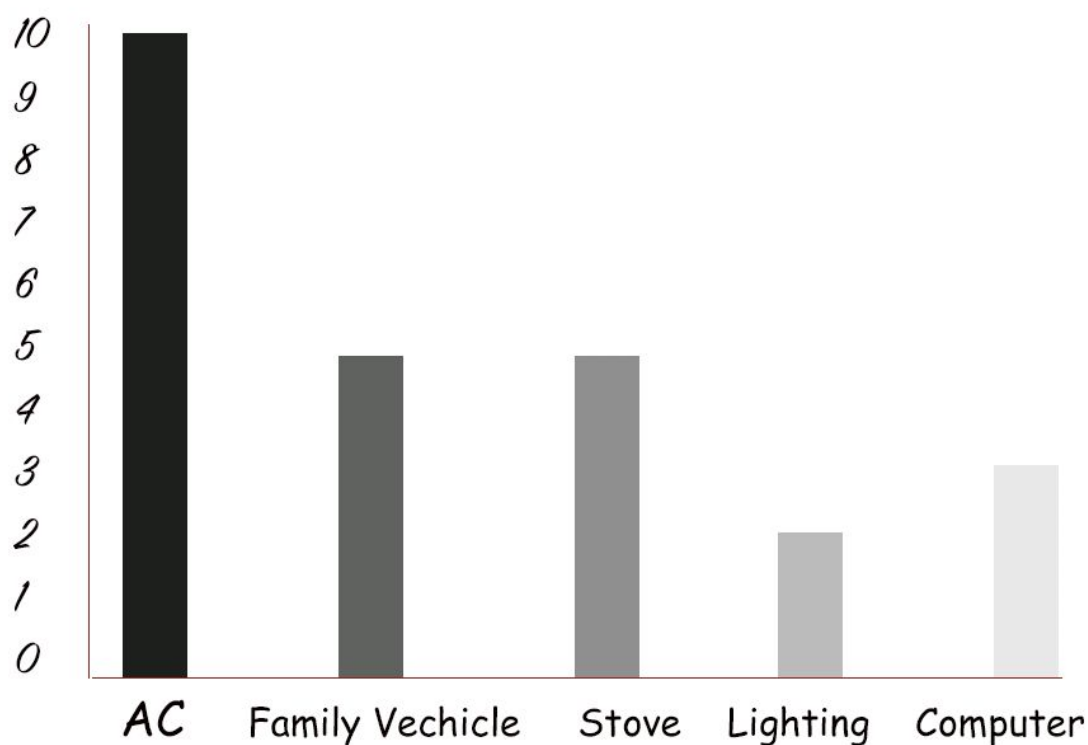# raft®
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Using the chart you created on the first page, you will now create a bar graph to help you explore and show your own energy usage. A bar graph compares amounts in a single time period.

Begin by selecting the top 5 areas of energy use from your chart and record them on the bottom axis of your graph. Then display the points associated with each item by creating a vertical axes numbered 1- 10. Draw or create a bar to display the point value of each item.

Example:

Create a poster, drawing, or use up-cycled materials to create and share your graph.
If your class has collected data for the school's energy use over time, create a class line graph to share your data. You will use these graphs to help develop ideas for reducing your energy usage.