



How does technology impact peoples' lives and the places they live?—Blackline Masters

KWL Recording Sheet

Name(s) _____

Topic: **Technology**

What I <u>K</u> now	What I <u>W</u> ant to Know	What I <u>L</u> earned

What is a good definition for Technology? Use your own words.

Career in Technology

Name _____

Name of Career:	
Job description	
Training	
Salary	
From what I have learned about this career, does it match my skills, interests, and abilities? Why or why not?	
Do any of the careers presented by other students match my skills, interests, and abilities? Why or why not?	

Prototype Recording Sheet

Problem / Challenge "Title" _____

Names _____

I will make a Prototype of _____

Generating Ideas—sketches and brainstorming of ideas.



Circle the idea/sketch you will attempt to prototype.

Prototype Recording Sheet (continued)

I have these materials available for me to use in crafting my models:

I need to gather these materials to complete my models:

Item(s)	Acquired	Item(s)	Acquired
	YES		YES
	YES		YES
	YES		YES
	YES		YES
	YES		YES
	YES		YES

Process Plan: (What are the steps you will use to build your model? List steps or draw a flow chart.)

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Prototype Recording Sheet (continued)

Test your Prototype

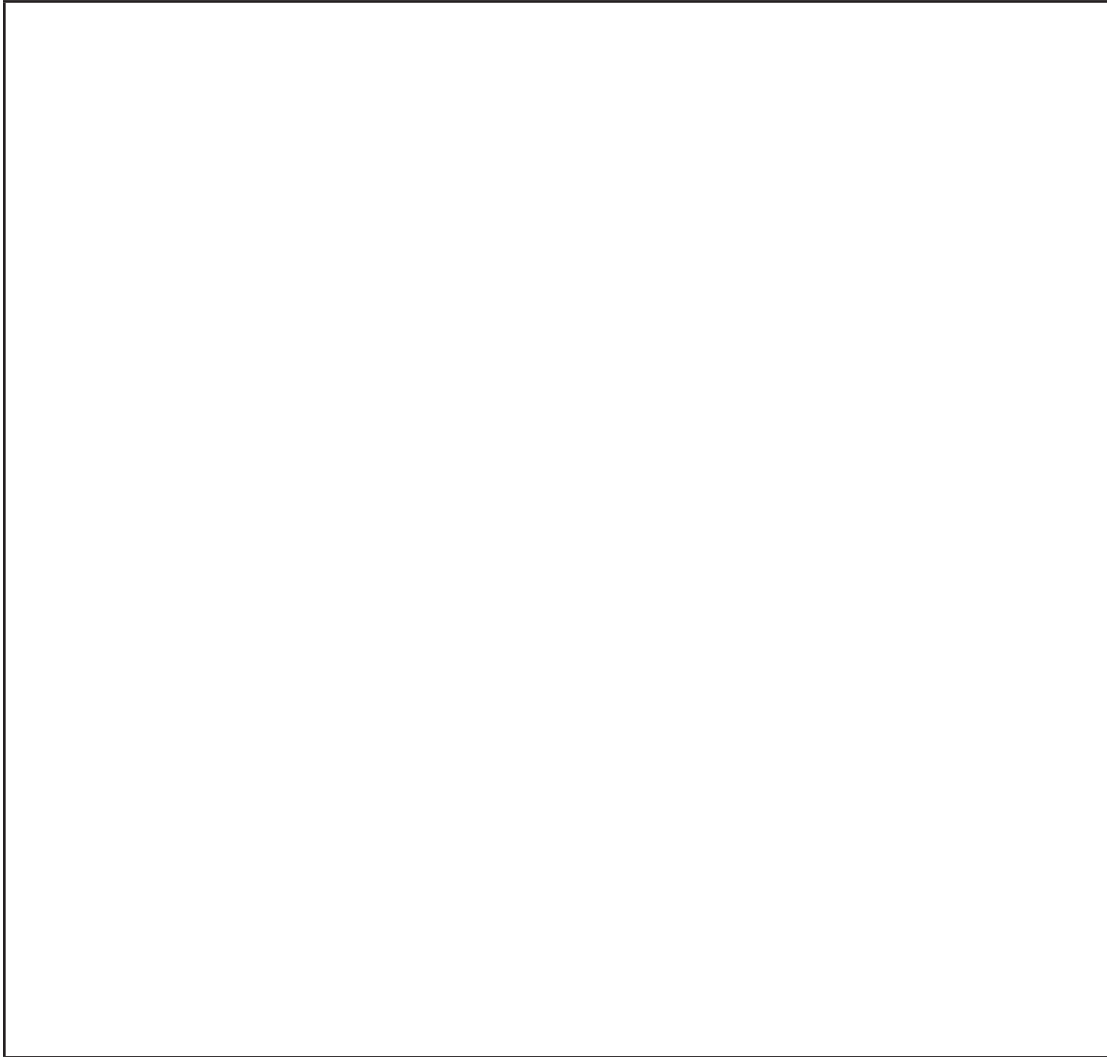
Does it provide adequate shelter?	YES NO
Can it be easily made?	YES NO
Is it durable?	YES NO
Is it suitable for the area you identified?	YES NO
Is it environmentally friendly?	YES NO
Can you improve it? Explain below:	YES NO

Once you have a prototype that passes the testing stage identify any changes you made to your original design. Did the changes make it better, stronger, more accurate, more environmentally friendly, or worse?

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Prototype Recording Sheet (continued)

What did you learn from the process? Include any suggestions for improving your process, material choice, or end product. Use sketches and/or written descriptions.

A large, empty rectangular box with a thin black border, intended for students to record their observations, sketches, and descriptions from the prototype process.



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Teacher Resources

A Simple Design Process Chart

