DATE: NAME: CLASS:

GENERAL SCIENCE TOOLKIT

Decision-Making Organizer

BLM G-18

Goal • Become familiar with steps for making science decisions that affect people.

What to Do

- Follow the flowchart as you complete the outline. (You can adapt the flow chart and outline for making decisions on any issue.)
- Answer the questions that follow.

Outline

Issues:

Developing Decision-making Skills

(Identify th	e issue.) <	≥
		at ar ocess
Gather relevant information.		nade Ig pr
		en n nakir
Identify all the alternatives.		ve be ion-n
		y hav ecisi
Gather relevant information. Identify all the alternative by clarifying its consequences. Make a decision. Evaluate the decision. Evaluate the decision.		ent ma
		geme sps ii
Make a decision. → ₩ as a		
Tris of these		rs of thes
Evaluate the decision.		(g G
The decision is the best alternative based on risks/benefits and, thus, probable consequences.	One or more of the steps in the decision-making process were faulty. No action should be taken and the process should	
	be repeated to ensi that the faulty steps eliminated and replace improved thinking	are ed by
Take action/Communicate the decision.		

Speci	ify sources for gathering relevant information:
List p	possible alternatives to the issue:
Are p	people directly affected by the decision?
Is the	ere any effect on the environment?
List o	other known or potential risks and benefits:
List i	mplementation strategies:
List v	ways to communicate the decision.

DATE: NAME: CLASS:

GENERAL SCIENCE TOOLKIT

Decision-Making Organizer

BLM G-18 (continued)

Questi	ons
--------	-----

1. E	xplain each alternative in more detail.
_	
_	
_	
2. If	people are affected by the decision, explain who is affected, and how.
_	
3. If	there is a possible effect on the environment, describe the effect.
_	
_	
_	
4. H	ow likely is it for each of the possible risks to cause harm?
_	
5. H	ow likely is it for each of the benefits to occur?
_	
6. E	xplain how any implementation can be monitored.
_	
_	
_	