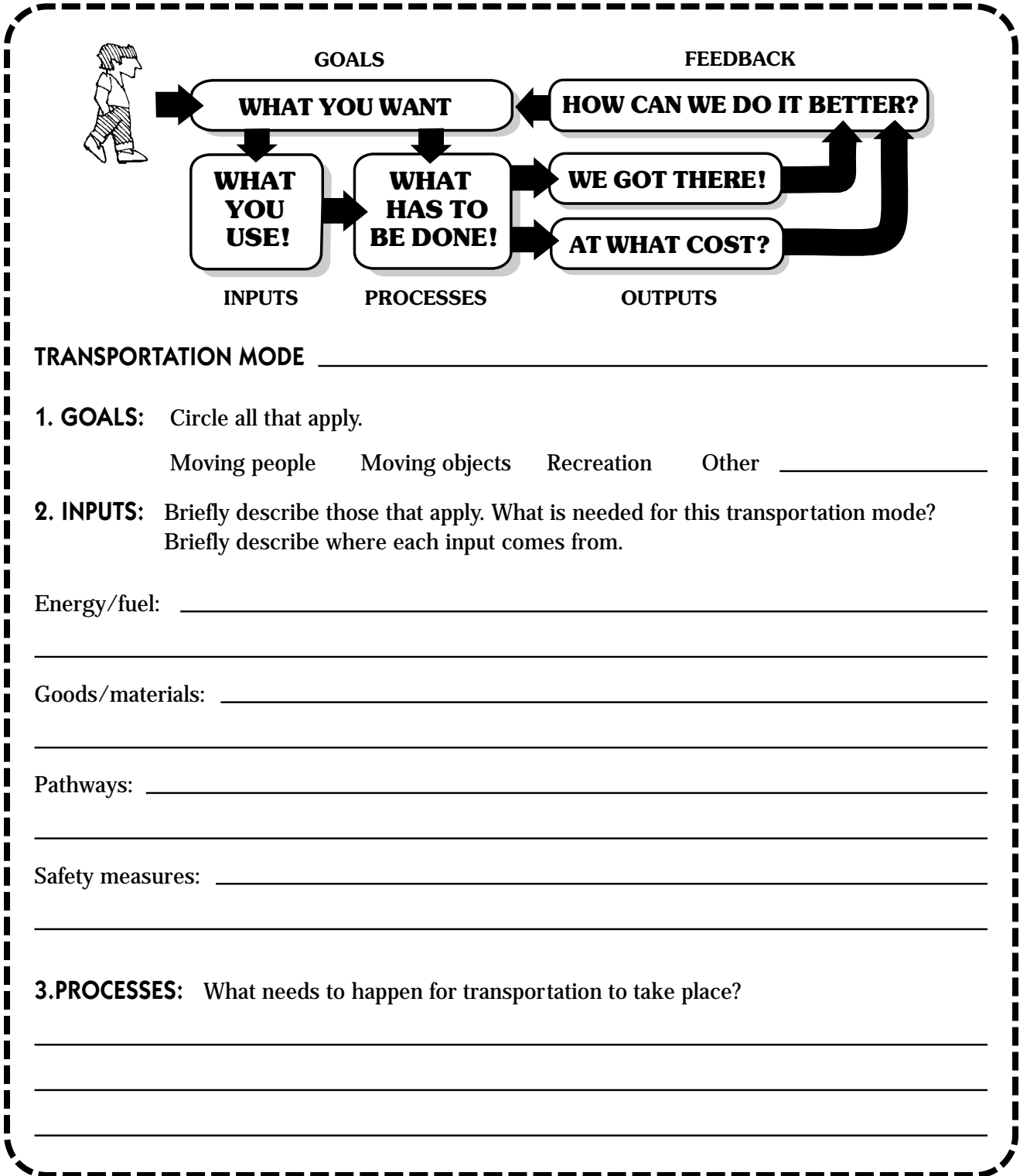# Technology Systems Worksheet

Name: _____

Look back at your Personal Transportation Log. Complete one worksheet for each of two trips. Use a different travel mode for each trip.

GOALS   **FEEDBACK**

WHAT YOU WANT ← **HOW CAN WE DO IT BETTER?**

WHAT YOU USE! → **WHAT HAS TO BE DONE!** → **WE GOT THERE!**

AT WHAT COST?

INPUTS   **PROCESSES**   **OUTPUTS**

TRANSPORTATION MODE _____

1. GOALS: Circle all that apply.

    Moving people Moving objects Recreation Other _____

2. INPUTS: Briefly describe those that apply. What is needed for this transportation mode? Briefly describe where each input comes from.

Energy/fuel: _____

_____

Goods/materials: _____

_____

Pathways: _____

_____

Safety measures: _____

_____

3.PROCESSES: What needs to happen for transportation to take place?

_____

_____

_____

4. OUTPUTS: List what happened, intended and unintended, as a result of the process.

Things you wanted to happen: _____

_____

_____

_____

Things you wish didn't happen: _____

_____

_____

_____

5. FEEDBACK: For this trip, consider other travel modes you could have used to get where you wanted to go. Name one other mode that could have gotten you where you wanted to go without some of the unwanted side effects you listed under #4 above. Briefly describe this alternative technology system.

Revised goal: _____

Alternative travel mode: _____

Inputs needed: _____

_____

_____

_____

Processes to be used: _____

_____

_____

_____

Outputs (intended and unintended, as a result of the process): _____

_____

_____

_____

_____