

Names: _____

Evaluating Vehicle Design for Friction, *continued*

Observation Card Three

Design Feature: Frame and Crossbars

Observations

Ideas for observations: Remove the two blue crossbars. Squeeze the frame gently. Then pull the gray bars out gently. Now try to use the rubber band to move the vehicle. What changes do you observe when you remove the crossbars? What do you think is the job of the crossbars? How can the frame without the crossbars affect the spinning wheels? (Remember to put the crossbars on again when you are finished.)

