EGYPTIAN EDUCATION DEVELOPMENT PROJECTS
EGYPTIAN AMERICAN INTERNATIONAL SCHOOL
SEMESTER **2** GRADE **4**
2.1 Classwork A Sheet Model Answer

Name:

Class:

1. **Date:**

Engage Your Brain!

Find the answer to the following question in this lesson and record it here.

Why would a car company want a wooden car?

Building a prototype is part of the engineering design process that car companies would use to develop a new car.

2. **Date:**

▶ In the space below, draw a picture of something you can see around you that was probably designed by an engineer.

Students may draw desks, microscopes, computers, and lights.

3. **Date:**

How was it improved?

Look at the skateboards. Describe two design features that have been improved over time.

Sample answer: Wooden boards have been replaced with plastic; Metal wheels have been replaced with rubber wheels; The single board was replaced with two movable parts

4.	Date:

Details

Draw a blueprint of a school supply, favorite toy, or tool. Label its parts and include exact measurements.

Students' pictures will vary, but should include detailed measurements of their chosen object.

5.	Date:

Spin Off!

Imagine a normal bicycle. Now think of three ways it could be modified to work better in different environments.

Sample answer: It could have fatter tires for offroading. It could float and have tires with paddles. It could have an aerodynamic windshield for going really fast.