Instructional Day: 4

Topic Description: Set up LEGO® trays. Objectives:

Students will be able to

•Distinguish between the LEGO parts for building a robot. Outline of the Lesson:

• •Distribution of LEGO kits (10 minutes)

• •Separation of LEGO parts into the appropriate compartments of the trays (45 minutes)

Student Activities:

•Student groups work together to set up their LEGO kits for use in building robots. Teaching/Learning Strategies:

• •Give each pair (or group of three) a LEGO® Mindstorms® NXT® kit. Point out the picture that shows where each item should be placed in the tray.

• •Ask students to set up their trays so that they will be ready for use in building robots. Resources:

•LEGO Mindstorms NXT kit

Version 4.0

Exploring Computer Science—Unit 6: Robotics 265