Communicate It!

Introductory Activity for the FLL WORLD CLASS™ Project

STEP 1: Find the sets of 6 LEGO® elements from the Reverse Engineering mission in the Robot Game. You have several sets – each containing 6 elements.

STEP 2: Divide your team into 2 groups. Members of Group B should sit where they cannot see, but can hear Group A. Group A should also position themselves so they cannot see Group B. You may want to have the groups sit facing away from each other or on each side of a room divider.

STEP 3: Each group gets 1 set of the Reverse Engineering mission elements. (Group A's 6 pieces look exactly the same as Group B's 6 pieces.) Divide the elements among your group so each member has at least 1 LEGO element.

STEP 4: Group A – Work together to build something with your elements. Build anything you want. Do not say anything out loud about what your model looks like.

STEP 5: Group A – Keep your eyes on your own model. Tell Group B how to build your model without looking at Group B's members or their work. Take turns giving instructions so each person in your group gives at least 1 instruction.

STEP 6: When Group B has completed their model, compare their finished work with Group A's original. Are they the same?

STEP 7: Now it is Group B's turn to build a model and give instructions to Group A. Reverse the groups and try it again from Step 2.

AS A TEAM – Talk about what happened. What worked well? What didn’t work so well? Before this activity started, did you think your team members communicated well with each other? Did you learn anything new about how to communicate information with your teammates?

Maybe you never thought about using LEGO elements to learn about team communication. The LEGO elements were a tool to help you learn something in a new way. Could you use LEGO elements to learn about another topic? Could you use a “toy” to learn about history, science, art or math? Do you think there might be other surprising tools you could use to learn new things?

Think About It!