



Communicate It!



Introductory Activity for the FLL WORLD CLASSSM 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!

