



Self Assembly Games

Game 1:

REQUIREMENTS – Must have an EVEN # of kids for this to work.

RULES APPLY TO ALL KIDS:

1. You must hold hands. No hand can be left untouched.
2. Your right hand must touch someone else's right hand and your left hand must touch someone else's left hand.
3. You cannot cross your arms.

RESULTS: The kids will be standing in a complete circle with each child alternating the direction they are facing.

Game 2:

REQUIREMENTS – Must have a total of 15 kids.

PREPARATION:

- Divide the kids into three groups (Group 1 = 3 kids; Group 2 = 6 kids; Group 3 = 6 kids)
- Give each person in Group 1 a pair of red gloves (They need to put a red glove on EACH hand).
- Give each person in Group 2 a pair of gloves (one blue and one red). They should have an opposite color glove on each hand.
- Give each person in Group 3 only 1 blue glove (They can put it on either hand).

RULES FOR GROUP 1:

1. You must hold hands. No hand can be left untouched.
2. You can only hold hands with someone who has the **SAME** color glove as you.
3. You may **NOT** hold hands with any other members of Group 1.
4. You touch both your right and left shoulders to the shoulder of someone else in Group 1.

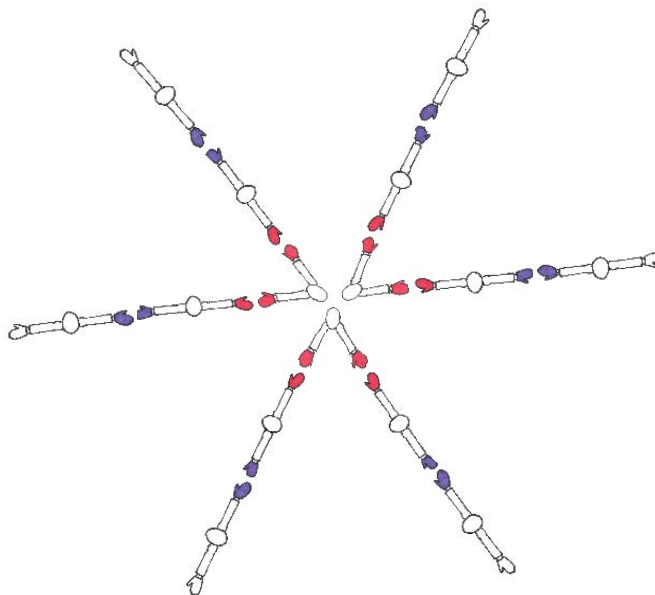
RULES FOR GROUP 2:

1. You must hold hands. No hand can be left untouched.
2. You can only hold hands with someone who has the **SAME** color glove as you.
3. You may **NOT** hold hands with any other members of Group 2.

RULES FOR GROUP 3:

1. You can only hold hands with someone who has the **SAME** color glove as you.
2. You may **NOT** hold hands with any other members of Group 3.

RESULTS: The kids will make a “star” or “snowflake” pattern.



Game 3:

PREPARATION:

-Divide the kids into 2 groups (Group 1 = 4 kids; Group 2 = 11 kids...numbers may vary slightly)

RULES FOR GROUP 1:

1. You must stand within this defined box (Find a tree, playground equipment, stones on the ground, etc. to define the space). You can move within here but not outside of it.

RULES FOR GROUP 2:

1. Everyone must join hands to form 1 straight line.
2. Move forward towards Group 1, but don't let any of them break your chain.
3. Try to "engulf" Group 1.

RESULTS:

You made a life-size model of the capsules Keeli and Conner experimented with in the episode. Group 1 is the filler ingredient (i.e., ice cream topping) and group 2 is the shell (i.e., alginate).