
CHALLENGE CARD

Let's Build Together

Equipment

- Twelve buckets of any size (preferably buckets that are different colors, such as 3 yellow, 3 red, 3 blue, and 3 green buckets)
- Construction key, or a design of the buckets stacked in a certain way (this key can be drawn and provided by the teacher)
- One folding mat

Starting Position

The area designated by the teacher to build the bucket design is called the construction area. This area should measure about 50 feet (15 meters) by 15 feet. Within the construction area and at one end of the space, designate where the buckets will be stacked into the design. At the other end of the construction area, place the 12 buckets in random fashion on the floor. Place the mat outside of the construction area about 20 feet away and alongside the construction area. The team will designate the six construction builders. The builders gather in the construction area by the buckets. The remaining team members are the architects, and they have the construction key and go into the construction office (mat). When the team has decided who the builders and architects are and everyone is in the proper place, the task can begin.

Our Challenge

The team must build a design that matches the construction key. The builders must build the design based on the construction key, but they cannot see the key. The architects must explain to them how to build the design. At the end of the challenge, the bucket design

that was built will match the design on the construction key.

Rules and Sacrifices

1. The architects may not touch the buckets or any builder.
2. Only one bucket can be moved and stacked at a time.
3. Two builders must work together to move each bucket.
4. When moving a bucket to the building site, architects must call the builders by their first name. If last names are used, the bucket must be returned, and two new builders must step forward.
5. The method of moving a bucket by the builders can only be used twice. If two builders use hands, then only one more bucket can be moved by four hands. Hands can be used again but only in combination with another body part of another builder—for example, one builder uses both hands and the other builder uses both arms.
6. If the stacked buckets ever come apart or fall during the building process or if a bucket falls to the floor during the transfer to the building area, the whole task must start again.
7. Construction managers may not use the terms *top*, *front*, or *behind* or call out any color.
8. If any rules are broken, the bucket design must be taken down and returned to the starting area; the building process will start again.

ORGANIZER CARD

Let's Build Together

Questions

1. Where do the architects stand?
2. Where do the builders start?
3. Where do we build the tower?
4. How many people must move a bucket to the building site?
5. How many times can the same combination of body parts be used when moving the buckets?
6. What happens if a bucket falls to the ground while moving or stacking it?
7. What happens if a rule is broken?
8. What terms cannot be used by the architects?

From L. Anderson, D.W. Midura, and D.R. Glover, *Team Building Through Physical Challenges: A Complete Toolkit*, 2nd ed. (Champaign, IL: Human Kinetics, 2020).