



Movement game

Together the students form a centipede that must move in a coordinated way.

Divide the students into 2 groups. At the start they should stand in single-file, one student standing behind another, their legs set apart. Tie the left legs of the students with a piece of string. Their task is to make their way together from one end of the classroom to the other. It's important that they work together and synchronize their movements in such a way they that can maneuver themselves with the least difficulty. The team that is first to reach the other side of the classroom wins.

This task is only completed when all the members have safely crossed the finishing line.



Movement game

The students form a bridge that will enable them to cross a “river” to the “bank” on the other side and learn that some tasks can only be performed as a group.

The students form two groups on one side of the classroom. Hand each student one sheet of A4 paper. Their task is to get to the other side of the classroom without touching the floor. The floor is the river, which they can only get across by standing on the sheets of paper (the bridge). The winning team is the first to get all its members to the other bank of the river.

The students must come up with their own ideas of how to get from one end of the classroom to the other. The solution to the problem is for the group to connect together all the sheets of paper possessed by its members to form a bridge along which they can cross to the other “bank” without touching the floor. They can also place the sheets on the floor at such a distance from each other that they can jump from one to another.



Constructing

Working in teams the students build the highest possible tower from different, simple objects.

List of materials:

- glue – one pack for each group
- scissors – one pair for each group
- transparent adhesive tape – one for each group
- colored adhesive tape – one for each group
- aluminum foil – one for each group
- kebab skewers/toothpicks – two packs
- toilet paper rolls – approximately 30 rolls
- paper towel rolls – approximately 10 rolls
- plastic straws of different thickness – approximately 3 packs
- plastic or paper cups – approximately 30 cups
- colored paper – one sheet
- tissue paper – 10 colors
- other paper materials

Instructions:

Divide the students into groups of 4 or 5 members each.

Each group gets only one (!) base material (e.g. one group gets plastic cups, the second toilet paper rolls, the third straws, the fourth kebab skewers – it's important that each group gets a different material).

The task of each group is to plan how to build the highest possible tower (they are limited only by their own imagination and creativity). They then delegate one person to choose two other additional materials. The group decides on the amount of units of the chosen material (a limited number is available) In the end, each group therefore has three kinds of materials: one chosen for them by you and two which they have chosen themselves. Each group also gets glue and a pair of scissors.

The fact that they need to choose only two additional materials means that the participants must first plan what they will build and what they will need – apart from learning how to cooperate with each other in a group they also learn how to plan.

They have 10 minutes to perform the task. After 10 minutes the groups change places and work with those materials chosen by the group whose place they now occupy. The task now is a little different: The pupils can build what they want, but this time using the materials selected by someone else. They can dismantle the previous structures or modify them. They also have 10 minutes for this task.

It is important that you tell the students before they begin building their towers how much time they have.

At the end each group talks about what they have built. Students have an opportunity to see how their classmates came up with different ideas and how different things can be built using the same objects.