

How to build a speedway for balls?

COMPETENCIES

Get curious

game_TRANS

The students play a game that will help them initiate teamwork.

They will create together a large knot from their hands, and then they will untangle it.

Refer to the Instructions in the tab.



Get going

Constructing

Working in teams, the students build tracks on which balls will be moving.

The aim of this task is to create the longest and most varied track made out of paper and straws. See the rules of work and rules for the use of materials in the tab.



Discussion

The teams choose a selection board to appraise the tracks and announce the winner.

Each team appoints one person who, together with the teacher, will join the track selection board.

Presenting results

The teams demonstrate their tracks and the selection board appraises them.

The teams demonstrate the operation of their tracks. The selection board determines whether the balls can move freely on them, and it also measures the lengths of the tracks and count the points for structural elements.

The winner is the team that collects the highest number of points, provided that the ball in their prototype moves along the entire track without stopping.

See the scoring rules in the tab.

Video/Slide show

The students summarize their work in a discussion.

Once the task is completed, engage in a discussion with your students:

What were the stages of your work?

What determined the sequence of tasks?

What tasks were assigned to each member?

What helped you to work and achieve your goal?

What hindered you the most from achieving your goal?

Get practicing

Conclusions

Write down the most important thing you learned today together with one question which you would like to ask in connection with what happened in the lesson.

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