KIDS BUILD THEIR KNOWLEDGE AND SKILLS ABOUT THE WORLD THROUGH STEAM

Theme: Which is the heaviest? Which is the lightest?

Resources for each team: Instruction card 480, the material for its construction; two 2x2 bricks; a set of three different domestic animals; activity card F-3-1; red and blue pencils.

F-3

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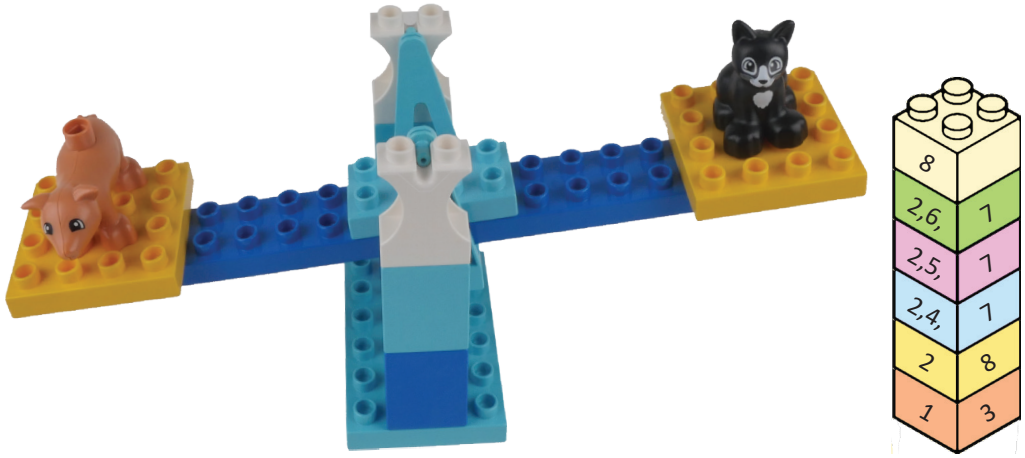
Activities:

1. The teacher gives the instruction card and construction material to the teams and asks them to build the model.
2. The teacher asks the teams to find out whether their balance is accurate and asks them what they can do to check this (hint: use the two 2x2 bricks). The teams check the accuracy of their balances.
3. The teacher asks the children to look at the activity card, explaining that each team must find their group of domestic animals.
4. The teacher tells the children to use activity card F-3-1 and write, in blue, on the left side of each animal a numeral to show how heavy they think it is compared with the other two. The recording scheme is: 1 – lightest; 2 – medium; and 3 – heaviest.
5. The teacher tells the children to check their hypothesis using the balance.
6. The teams record on their activity cards the results they obtained; writing the appropriate numeral, in red, on the right side the animal.
7. Then, with the help of the teacher, the teams exchange their animals and repeat the same procedure of weighing them.
8. The teacher and children discuss the results of the experiments they have undertaken. Together, they check whether different teams have reached the same conclusions about the same group of animals.