



Erasmus+

Lesson plan for form period

Lesson topic: "Building a Team – Stronger Together!"

Integration (in general) is a process in which different people, groups, or things come together into a single whole to cooperate and function better together. The goal is for everyone to feel part of one group and support each other.

Integration of children at school is the process of including all students, regardless of their background, abilities, family situation, or disabilities, in joint learning and school life. The aim of integration is to create an environment where every child feels accepted, has equal opportunities for development, and can form positive relationships with peers.

Group Puzzles

Each group receives a puzzle (they may repeat) which they must solve **together**. Don't worry – solutions are also provided. Have fun!

How Well Do You Know Me?

Children write **three statements about themselves** on a piece of paper. Two statements must be **true** and one **false**. This activity helps everyone get to know each other better. At the end, each participant reads their statements aloud, and the rest of the class must guess which one is false. Good luck!

Example statements about yourself: Make them more **detailed, non-obvious, interesting**, and descriptive of the child. This is a moment when students can **share their achievements**, what they do outside school, and who they are in other environments.

Puzzle 1 – Fruit Boxes

You have three boxes with fruit:

- one contains only **apples**,
- another contains only **pears**,
- the third contains **apples and pears**.

The boxes are labeled, but you know **all labels are wrong**. You may open **only one box** and take **one fruit**. How do you correctly label the boxes? There are **two possible solutions**. Write them below:

- **Solution 1:** _____
- **Solution 2:** _____

On the back of the page, explain your choice.

Puzzle 2 – Water Jugs

You have **two jugs**: one 5-liter and one 3-liter. How can you measure **exactly 4 liters** of water using only these two jugs?

Your work:

- Calculations: _____
- Explanation: _____

Puzzle 3 – Light Switches

You have **three light switches** downstairs and **three bulbs** upstairs. You cannot see the bulbs from the switches. You can go **upstairs only once** to check which bulb is on. How can you determine which switch corresponds to which bulb?

Your work:

- Solution: _____
- Explanation: _____

Answers to Puzzles

Puzzle 1 – Fruit Boxes:
Open the box labeled “apples and pears.” Since the label is wrong, you will find only one type of fruit (e.g., apples).

- Box labeled “apples and pears” → **apples**
- Box labeled “apples” → **pears**
- Box labeled “pears” → **apples and pears**

All labels are wrong, so the fruit you take shows what is really inside. There are two solutions because you could take either fruit from the mixed box.

Puzzle 2 – Water Jugs:

1. Fill the 5-liter jug and pour into the 3-liter jug until full.
2. 2 liters remain in the 5-liter jug.
3. Empty the 3-liter jug and pour the 2 liters from the 5-liter jug into it.

4. Fill the 5-liter jug again and fill the 3-liter jug to full.
5. 4 liters remain in the 5-liter jug.

Puzzle 3 – Light Switches:

1. Turn on the first switch and leave it on for a few minutes to warm the bulb.
2. Turn off the first switch and turn on the second switch. Go upstairs.
 - The bulb that is **on** → second switch
 - The bulb that is **off but warm** → first switch
 - The bulb that is **off and cold** → third switch

