MODEL SESSION PLAN

Topic: Multiplication by 5

Subject: Mathematics

Student's age: 11

Duration of session: 45 min.

Objectives

By the end of the lesson, the student will be able to multiply single-digit numbers by 5.

Material/resources

Lesson topic, materials (printed or electronic), tablet/mobile phone with Internet, Formative app.

✏️ Description of the lesson

Introduction (8 minutes)

At the start of the lesson, the student is given a brief introduction to the topic, the objective and the course of the lesson, and the tools we will be using in the lesson. The Formative app is introduced to stimulate the student's interest in the lesson.

To consolidate the knowledge of the previous lesson "Multiplication of single-digit numbers by 4", the multiplication table is reviewed and some tasks with multiplication operations are presented:

3 x 4 = ?
6 x 4 = ?
4 x 8 = ?
4 x 10 = ?

Course of the lesson (15 minutes)

The tutor introduces the 5 Times Table, points out the regularity of the answers to the multiplication operations, discusses the ways of mental calculation. Textual tasks are introduced which also involve multiplication by 5.

Lesson 1

✏️ **Description of the lesson**

Interactive task. Multiplication by 5 using Formative (10 minutes)

1. We open the Formative app, invite the student to enter the code you've provided and log in to the activities.

2. The student performs multiplication operations in Formative and writes the answers:

3 x 5 = ?

6 x 5 = ?

8 x 5 = ?

? x 5 = 10

? x 5 = 25

Having completed of tasks, the student presents the results.

3. Discuss with the student the tasks performed in the Formative app, where correct and incorrect answers are visually marked. Analyse and clarify mistakes.

Multiplication by 5 in a textual task (7 minutes)

The student is given a textual task involving multiplication by 5.

"There were five trees in the park. Two hares were squatting under each of them. How many hares were squatting under the trees in the park in total?"

The student is asked to write the arithmetic operation in numbers, make calculations and give the answer. Discuss the presented answer with the student and, if there were any mistakes, clarify the aspects that were unclear.

Summary and reflection (5 minutes)

Recall the lesson and discuss the multiplication table that the student has learnt. Ask about the most interesting experience in the lesson, about the most difficult one, also about what the student did not understand and would like to repeat.

Lesson 1