



LESSON PLAN

Who is Afraid of Mathematics ?

Category: Maths on the playground

Title of the activity: Maths in sports

Year Group: Grade 5 **Teachers:** Voula Bounatsou

Learning Objectives:

Learning Objective:

- understand that all situations are good for learning mathematics
- learn to write data
- learn the subdivision in minutes, seconds, milliseconds
- measure the lengths
- learn to draw charts

Success Criteria:

- combine sport and mathematical situations, for a learning without barriers

Resources:

Smart board
Measuring equipment
Chalk

Lesson Description (including context):

The numbers in outdoor sports

Every year we make the sport days, pupils are encouraged to do the following specialties: 50 m, launch of the vortex, long jump, 400 meters. In the months before the students are training in these specialties. This year the project has a special significance: we will use the information of the results of the races to learn how to do a ranking, as you compile a database, and as you take the time recorded of the sprinters.

Differentiation:

The children are working in mixed ability groups to allow for peer support.

Additional adult asked to support SEN children. Support chn and facilitate discussion during classroom work and model on whiteboard when necessary. Work with group outside.

Questioning and level of challenge throughout the lesson

Introduction:

Show a running track on whiteboard – ask chn to generate a success criteria for measuring the length. (You will refer back to this). Repeat for street or other example.

I show an excel sheet, and I teach how to tabulate the data; I let exercise them with examples.

I take the stopwatch and I take the time they have to do something (f.e.go to the bathroom and come back, open the window, ect) insert this information on paper sheet.

I ask the children: What time is it? what is missing to ...? what time you leave school? what time you come to school? What shows the short hand? and that long?

Main Lesson:

Here comes the day of sports games. All children participate in competitions. a small group writes the results in a prepared sheet; another group takes the time sprinters; a pair of "sports judges" checks that everything is in order.

Fun and champions day!!

Back in class: writing data on the excel sheet, fill the tables, control the timing. Nice guys, great job!

PHOTOS



Plenary:

Plenary:

Teachers: