



LESSON PLAN

Who is Afraid of Mathematics ?

Category:

Title of the activity: Math in healthy lifestyle

Outdoor activity. Orienteering "Treasure hunt".

Year Group: 6

Teachers: Iveta Krūmiņa, Diāna Ķēniņa

Learning Objectives:

- To practice calculation and logical thinking.
- To develop pupils' navigational skills using a map.
- To promote collaboration and team work skills.
- To exercise students' body and mind .
- To provide a cross-curricular link through the outdoor activity.

Success Criteria:

Students are able to use a map and find detected objects. Good cooperation in groups, all pupils are active and take part in a task. Students have fun working together, everyone can show his/her strong competences.

Resources:

- A laminated map.
- Worksheet.
- Markers.
- Telephone with an internet access and camera.
- Small gifts.

Lesson Description (including context):

An outdoor activity where students following the tasks and the map are searching for different objects, taking pictures, solving math puzzles and finding the „treasure” at the end of the rout. Activity is a fun and learning together.

Differentiation:

Students work in the groups of 5, helping each other. Teacher or assistant help the group to solve the final number-letter puzzle if it is needed. Pupils can find the final destination even they miss some information.

Introduction:

Teacher prepare handouts for the task– a map of the surrounding with the rout students must follow, pictures with places they must find and the tasks with different puzzles they have to solve in the certain points and a final number-letter puzzle what tells where the treasure is hidden.

Main Lesson:

Class is divided in groups of 5.

Teacher gives each group a map, a marker, and tells the task.

Each group starts their race after a 5 minute interval.

During the race students have to find objects, take pictures, do different activities, solve the tasks and finally find out the secret message where every number have to be substituted by the letter.

Numbers of the letters are from their sequence in the alphabet.

When students find out the message they get information where the „treasure” is hidden.

Plenary:

Activity keeps students active all the time. It takes some effort to prepare the tasks and the map but the activity keeps students high motivated all the time and is can be used for class parties at the end of school year. It is easy to modify activity according the students’ level.

Teachers: Iveta Krūmiņa, Diāna Ķēniņa.

PHOTOS



UZDEVUMU UN DARBA LAPA

JAUTĀJUMS	VIETA UZDEVUMA PILDĪŠANAI	IEGŪTA ATRILDE/BURTS
Atrodi attēlu! Saskaiti kopā visus telefona numura cipārus!		-
Atņem skaitli, kas satāv no pirmajiem diviem cipariem!		
No iegūta skaitļa atņem 6!		
Nofotografējies stāvēt uz vienas kājas!		
Liepinu ģimenē ir četri cilvēki, bet Kalniņu ģimenē 5 cilvēki. Noskaidro, cik EUR katram cilvēkam maksās kopīga atpūta (palikšana pa nakti namiņā) no ceturtdienas vakara līdz sestdienas rītam! Iegūto skaitli noapaļo uz veselīem EUR!		
Nofotografējies!		
Nofotografējies, rādot viens otram "radziņus"!		
Nofotografējies! Atbildi uz jautājumu, kas nograuza koku?		
Nofotografējies stāvēt uz balķa!		
Nofotografējies pietupjoties!		
Saskaiti delīšus! Iegūto skaitli dari ar to pašu skaitli!		
Atrodi noslēptu burtu!		
Saskaiti, cik minūtes attēlotas uz visiem krustceles rādītājiem! Iegūto skaitli dari ar 9,375.		
Noskaidro, cik putni vingrina savas balsis?		
Noteikti esi izslāpis. Nobaudi gardo avota ūdeni un noskaidro, cik litru ūdens iztek vienā minūtē (max)? Iegūto skaitli dari ar 200!		
Kādā ledus laikmeta posmā radušās Spoguļu klintis? Pirmais nosaukuma burts....		
Noskaidro, kāds skaitlis turpinās aiz burtiem JU. Samaini ciparus vietām!		
Noskaidro, otro burtu iniciāļiem, kas slēpjas klintīs, cīņā ar...		

