



Onofrio Fountain

General information							
Respective blueprint	Fountain						
Description	and the historical They make a foun	ents learn about Du sights in the Old Tov tain similar to the fo empt to regulate th	wn of Dubrovnik. amous Onofrio				
Learning objectives	 Formation of cultural and Awareness and cultural Practice kn 	of ideas about the of d historical landmar of the difference b al landmarks; lowledge of units of figures, and compo	concept of rks; etween natural f measurement,				
Related curricular subjects	Mathematics: unit comparing number Art: modelling with	the old town and signs of measurement, ers; and plasticine and wang a model for wat	geometric figures,				
Duration	80 minutes						
Level of difficulty	Basic	Medium	Advanced				
Inclusivity guidelines							
How to integrate students with SLD	 Formulate so one action at a to one action at the board. When giving sure to underline what they are expensed when possill outcome of the root one of the root one action are having at a to one one of the root one of the root	imple instructions the ime. Verbal instructions, reform of pictogram g instructions (verbathe action word so pected to do. ble, you can show the implementations.	make sure you as or written on al or written), be students know the expected lace students ally more				
How to integrate students who work faster	fountain model wi	faster colour or covith plasticine. They can try	assist students				





Estimated time: 30 minutes

Step-by-step description of the lesson

Step 1: Dubrovnik, Croatia - sightseeing

Presentation

Dubrovnik is located on the southern coast of Croatia.

The city is also known as the Pearl of the Adriatic. Behind the thick walls and large gates are hidden many historical sights. They attract people from all over the world.

One of the many attractions is the Franciscan Monastery, which houses the oldest pharmacy in Europe that is still open. The large Renaissance Hall exhibits treasures from the monastery's collection, rare books and art objects. The 14th-century pharmacy sells herbal lotions and potions made from centuries-old recipes.

Lovrienac Fortress is set on towering cliffs overlooking the Adriatic Sea. The original structure dates to 1301. Its shape was built to match the shape of the rock on which it rises.

The fortress is so inaccessible that only 25 men can defend it. Today, it is a popular attraction in Dubrovnik and hosts various cultural events.

Dubrovnik's fortress walls encircle the entire Old Town. The 25-meter-high walls, up to 6 meters thick in some places, overlook the city, the harbour and the Adriatic Sea. Most were built in the 13th century but have been reinforced over the years to withstand the numerous attacks.

In the 15th century, a water pipeline was built in Dubrovnik to ensure the city's freshwater supply. Two fountains bearing the architect's name mark the system's endpoints.

The more impressive of the two is the large Onofrio fountain, located on Stradun Street, opposite the Church of the Saviour. Adorned with a large dome, the fountain still provides cold, clear water for its thirsty visitors.

 Working with a geographical map - students point out the location of Croatia on a map of Europe.

Step 2: Making a fountain

Estimated time: 40 minutes

 Following the steps in the proposed blueprint, students make a fountain model.

Step 3: Conducting an experiment

Estimated time: 10 minutes





Attempt to regulate water flow using an air spray from a balloon
When the balloon is placed over the mouth of the bottle, the air jet impacts
the water and it flows through the straws. When the air in the balloon runs
out, and the water also stops flowing.

Assessment activities

Activity 1: Questions to check understanding of water flow

When you put the balloon over the bottle, what causes the water to start flowing? What happens when the air in the balloon runs out?

Is there any other way to pump the water out than with a stream of air from a balloon?

Activity 2: Exit ticket

Each student completes an exit ticket.

Attachments

- Presentation
- Map of Europe
- Exit ticket

References

https://profit.bg/klasatsii/mezhdunarodni/top-10-na-zabelezhitelnostite-v-dubrovnik/?page=1

MAP OF EUROPE

• Find and mark Croatia



Source as of 23.08.2023

https://commons.wikimedia.org/wiki/File:Blank Map of Europe - w_boundaries.svg

Find your homeland! How many countries do you have to cross to get to Croatia?

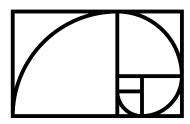
How many countries will the Croats cross to reach Belgium and Bulgaria? Which country is closer?

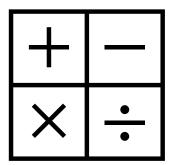


Source, 23.08.2023 https://commons.wikimedia.org/wiki/File:Blank_Map_of_Europe_-w_boundaries.svg

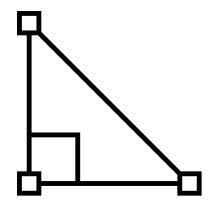
	Evittiakat	
	Exit ticket	
✓	☐ Today, I learned that	• • • • • • • • • • • • • • • • • • • •
✓	□ What I liked about this lesson is that	
✓	□ I need to correct and learn more about	
✓	Today I felt	•••••





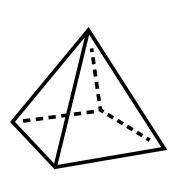






Dubrovnik

Onofrio fountain





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The Old Port



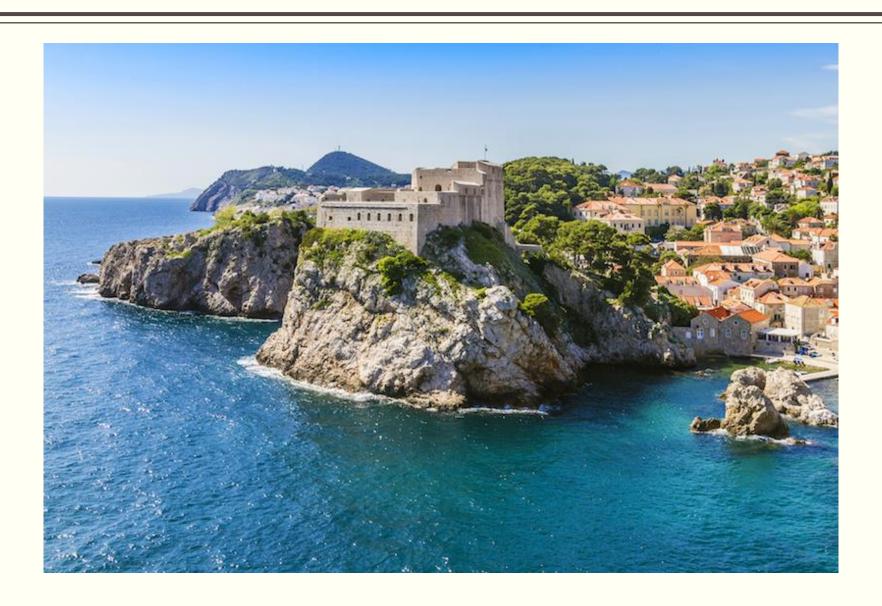
The Walls of Dubrovnik



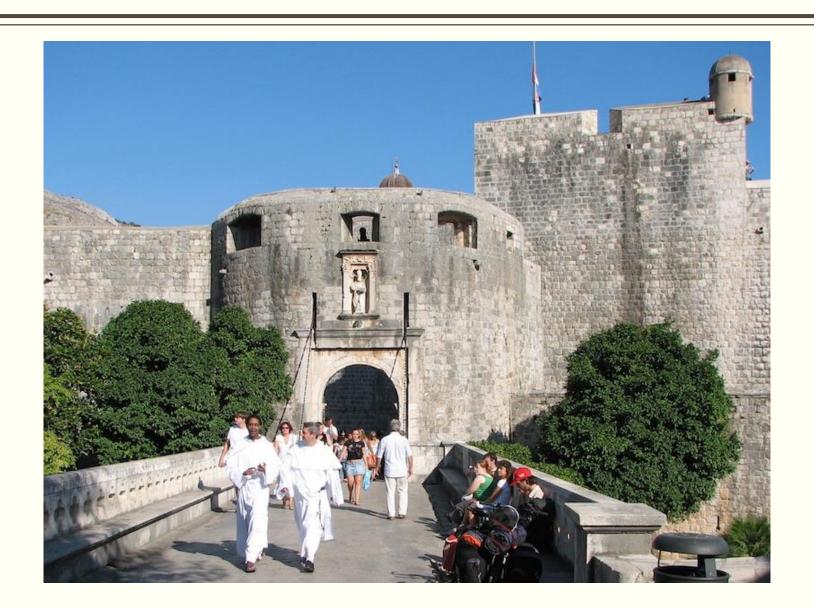
The Franciscan Monastery



Lavrienac Fortress



Pile Gate



Stradun Street



Onofrio Fountain



Source:

Pictures: https://profit.bg/klasatsii/mezhdunarodni/top-10-na-zabelezhitelnostite-v-dubrovnik/?page=2



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