

Discover your fingerprint type

Name of the object and creator	Discover your fingerprint type Lidija Klobučar, computer science teacher at Lovre pl. Matačića Elementary school				
Recommended ages	10-12				
Thematic areas combined (STEAM)	Sciences	Technology	Engineering	Arts	Mathematics
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Materials needed	<ul style="list-style-type: none"> • white paper • magnifying glass or mobile phone • ink pad (stamp ink) • a ruler • pencil • printer 				
Outline of the steps	<ol style="list-style-type: none"> 1. Introduce Ivan Vučetić and his work to students. Conversation with students where a fingerprint is used. 2. Each student presses a finger that has been dipped in ink, on the white paper 3. Paper with fingerprint magnifies with a microscope 4. Comparing different types of fingerprints 5. Check the percentage of each type of fingerprint on a selected group of students 				
References	Fingerprints - BrainPOP				

STEP BY STEP: How to discover your fingerprint type

Step 1: Drawing handprint

Estimated time: 10 min

- Discussion with students where a fingerprint is used
- Each student takes a piece of white paper and draws your hand



Step 2: Taking fingerprints

Estimated time: 5 min

The student dips his index finger into the paint (ink)



Step 3: Exploring fingertips

Estimated time: 10 min

- Explore the three basic types of fingerprints
- Examine each fingerprint (with a magnifying glass or mobile phone)
- Determine which type each fingerprint belongs to

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