

Topic:	Practical test work "Geometric bodies"
Country:	Latvia
Name:	Samanta
Age:	16
Duration:	1 hour
Objectives:	Strengthening the knowledge gained in carrying out practical tasks.
Equipment:	Mathematics formula sheet for calculating volume and surface area for geometric bodies, measuring tape, ruler, calculator, smartphone for taking photos, pen, white paper.
Description:	<p>In and around my house I found and photographed required geometric bodies. All taken photos I summarized in one file for easier overview.</p> <p>From the objects found I chose two different types of geometric bodies, performed measurements and calculated surface areas and volumes for them using the equipment described above.</p> <p>For the third task I chose a tree in the backyard, measured its circumference, determined the diameter and calculated the volume for 3 m long log. From these values then I calculated how many m³ of wood and tons of paper I could obtain from the selected tree.</p>
Comments:	<p>To complete third task, I had a problem to determinate precise ratio for calculating number of <i>Inacopia elite</i> 4A pages that could be made from chosen tree, because I was careless and not investigating the photo attached to the task.</p> <p>Addressing such tasks was a pleasure and created an even more accurate understanding of the theory's need to deal with practical problems.</p>