

Primer medpredmetne povezave fizike in športne vzgoje ob uporabi naprave Garmin Forerunner 405

The example of cross-curriculum connection of physics and physical education by using Garmin Forerunner 405 device

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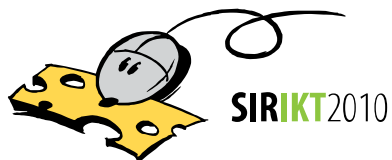
Povzetek

Po končani prenovi osnovnošolskega programa se le-ta v teh letih nadaljuje na gimnazijski ravni. Večina slovenskih splošnih in strokovnih gimnazij se je odločila za vpeljavo modernih metod pouka, kot so medpredmetne povezave, sodelovalno poučevanje, avtentično učenje ipd.

V prispevku je prikazan konkreten primer izvedene medpredmetne povezave fizike in športne vzgoje z uporabo moderne informacijsko-komunikacijske tehnologije in vključuje našete moderne metode poučevanja. Ob meritvah časa in razdalje oziroma lege so dijaki 1. letnika splošne gimnazije na terenu določevali povprečno hitrost hoje na razdalji 1 kilometer ter povprečno hitrost prvih in zadnjih prehojenih 100 m. Eden od načinov določevanja povprečnih hitrosti je bilo tudi merjenje z napravo Garmin Forerunner 405. V prispevku je tudi nakazana možnost razširitve primera na medpredmetno povezavo še z enim tujim jezikom in geografijo.

Abstract

After the completed renovation of the primary school programme, the renovation continues on the high school level. Most of Slovenian general and professional high schools made a decision to introduce modern methods, such as cross-curriculum connections, cooperative teaching, authentic learning etc.



This article shows the exact example of performed cross-curriculum connection of physics and physical education by using the modern information-communication technology and includes above mentioned methods of teaching. Measuring time and distance or position on the field, first-grade general high school students determined the average velocity of walk in the distance of 1 kilometre and the average velocity of the first and the last walked 100 meters. One of the ways to determine the average velocity was the measurement using Garmin Forerunner 405 device. In the article, the possibility to extend the example to the cross-curriculum connection with one foreign language and geography is also indicated.