**Zakon poluge**

**Fizika oko nas 7**

**Otkrivamo fiziku 7**

1.Gdje se sve ugrađene poluge? Za što se koriste?

Da bi odgovorili na ovo pitanje, kliknite na link i pod „Uvod u temu“ pogledajte video „Primjena poluge“.

<https://www.e-sfera.hr/dodatni-digitalni-sadrzaji/fc135349-2e1c-4f2d-b6db-ee8d4e103786/>

2. Poluga se može koristiti za vaganje. Pri tome je vrlo važno uravnotežiti polugu.

Kako se to radi?

Da bi odgovorili na to pitanje, pokušajte uravnotežiti polugu u računalnoj simulaciji na linku

<https://www.e-sfera.hr/dodatni-digitalni-sadrzaji/fc135349-2e1c-4f2d-b6db-ee8d4e103786/assets/interactivity/poluga_4/index.html>

Cjelokupno istraživanje možete naći u radnoj bilježnici “Fizika oko nas 7” na stranici 41.

Radna bilježnica

3. odgovorite na sljedeća pitanja:

Kada je poluga u ravnoteži?

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Za što koristimo polugu?

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Koje vrste poluga postoje? Po čemu se razlikuju?

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Škare su \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ poluga, a kvaka je \_\_\_\_\_\_\_\_\_\_\_\_\_\_ poluga.

Gdje se sve primjenjuje poluga?

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4. Provjeri znanje

Kviz A

<https://www.e-sfera.hr/dodatni-digitalni-sadrzaji/fc135349-2e1c-4f2d-b6db-ee8d4e103786/assets/interactivity/kviz_a_5/index.html>

Kviz B

<https://www.e-sfera.hr/dodatni-digitalni-sadrzaji/fc135349-2e1c-4f2d-b6db-ee8d4e103786/assets/interactivity/kviz_b_5/index.html>

Pri tome se učenici mogu poslužiti multimedijskom mentalnom mapom na linku

<https://edu.glogster.com/glog/poluga/3cc79pxdr76>

5. Kao domaću zadaću možete zadati zadatke iz radne bilježnice sa stranica 42-43