**ISTRAŽI**

**Pročitaj** tekst *Međunarodni dan ozonskog omotača* (Nastavni listić 1.) i

**odgovori** na pitanja.

1. Od čega je građen ozonski omotač?

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1. Na kojoj visini je ozonski omotač najgušći?

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1. Koja je važnost ozonskog omotača za naš planet

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1. Uočavaš li povezanost algi, biljaka i ozonskog omotača? Objasni.

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1. Što su ozonske rupe?

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1. Gdje se upotrebljavaju spojevi koji oštećuju ozonski omotač?

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1. Zašto je UV zračenje štetno?

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1. Gdje su i kada prvi puta uočene ozonske rupe?

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1. Kako se zove dokument koji su potpisale ekološki osviještene zemlje s ciljem očuvanja ozonskog omotača?

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1. Kojim dokumentom se obvezuje ukidanje proizvodnje spojeva koji uništavaju ozonski omotač?

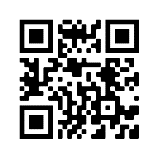
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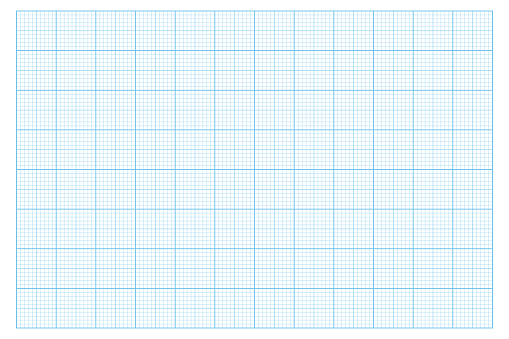
1. Koliko zemalja je potpisalo Montrealski protokol o tvarima koje oštećuju ozonski omotač?

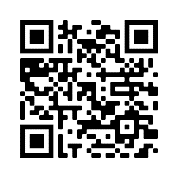
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1. Zašto 16. rujan obilježavamo *Međunarodni dan očuvanja ozonskog omotača*?

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Prouči tablicu [Potrošnja tvari koje oštećuju ozonski sloj od 1990. do 2010. godine (u metričkim tonama)](https://mingor.gov.hr/UserDocsImages/NASLOVNE%20FOTOGRAFIJE%20I%20KORI%C5%A0TENI%20LOGOTIPOVI/doc/potrosnja_tvari_koje_ostecuju_ozonski_sloj.pdf) (Nastavni listić 2.) te iščitaj podatke za ukupnu potrošnju tvari koje oštećuju ozonski omotač u periodu od 10 godina (godine po izboru). Podatke o ukupnoj potrošnji za svih deset godina prikaži grafički, graf možeš izraditi i u digitalnom alatu [Meta-Chart](https://www.meta-chart.com/).

**Grafički prikaz podataka**

Nakon grafičkog prikaza podataka o potrošnju tvari koje oštećuju ozonski omotač prouči animacije i istraži kako se ozonski omotač promijenio u posljednjim desetljećima. Animacije prikazuju karte s izmjerenim koncentracijama ozona svake godine nad Antarktikom.

[Animacija 1](https://svs.gsfc.nasa.gov/11644)



[Animacija 2](https://svs.gsfc.nasa.gov/search/?series=142&chunk=3)

**ZAKLJUČI**

1. Što podatci u tablici i grafu govore o potrošnji tvari koje oštećuju ozonski omotač u periodu od 10 godina?

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1. Je li došlo do promjene u veličini ozonske rupe u periodu od 1990. do 2010. godine?

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1. Jesu li **Bečka konvencija o zaštiti ozonskog omotača i Montrealski protokol** **o tvarima koje oštećuju ozonski omotač** polučili rezultate?

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**PREDLOŽI**

Predloži što svatko od nas može učiniti za spas ozonskog omotača.