



MONTHLY CHALLENGE



SDG 11 - HIGH SCHOOL - CHALLENGE 5 - SEPTEMBER 2026



SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

Challenge: Research one major environmental challenge faced by cities and investigate how science and technology can help solve it.

Choose one topic, such as:

- Air pollution
- Urban flooding
- Waste management
- Water shortages
- Urban heat
- Traffic and transport
- Loss of green spaces
- Energy consumption

Your Task: Create a one-page infographic explaining:

- What causes the problem.
- How it affects people and the environment.
- The science behind the problem.
- A scientific or technological solution.
- One advantage and one challenge of your proposed solution.

Submission: A one-page infographic with images, facts and a short explanation of your proposed solution.

INSTRUCTIONS:

- Although you can use the internet, please make sure your sentences are YOUR own words.
- Discussions about the monthly challenges can be done but DO NOT copy your friend.
- Due date for you to submit your answer on the Google form is by latest Friday, 28 September by 15:00.
- We will announce the Provincial winner for each challenge at the end of the term.

Please type this link into your Google search bar to answer

<https://forms.gle/ySPauVefiZg2i7Wi8>

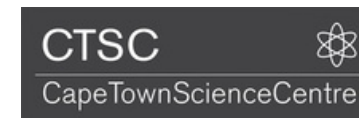
(You will be asked for your name and surname, your grade and your school name.)



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SDG 11: VOLHOUBARE STEDE EN GEMEENSAPPE

Uitdaging: Doen navorsing oor een belangrike omgewingsuitdaging wat deur stede ervaar word en ondersoek hoe wetenskap en tegnologie kan help om dit op te los.

Kies een onderwerp, byvoorbeeld:

- Lugbesoedeling
- Stedelike oorstromings
- Afvalbestuur
- Watertekorte
- Stedelike hitte
- Verkeer en vervoer
- Verlies aan groen ruimtes
- Energieverbruik

Jou Taak: Skep 'n eenbladsy-infografika wat die volgende verduidelik:

- Wat die probleem veroorsaak.
- Hoe dit mense en die omgewing beïnvloed.
- Die wetenskap agter die probleem.
- 'n Wetenskaplike of tegnologiese oplossing.
- Een voordeel en een uitdaging van jou voorgestelde oplossing.

Inhandiging: 'n Eenbladsy-infografika met prente, feite en 'n kort verduideliking van jou voorgestelde oplossing.

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SDG 11: IZIXEKO NEENDAWO ZOKUHLALA EZIZINZILEYO

Umngeni: Phanda ngengxaki enye enkulu yokusingqongileyo ejongene nezixeko uze uphande ngendlela inzululwazi netekhnoloji ezinokunceda ngayo ekusombululeni le ngxaki. Khetha isihloko esinye, umzekelo:

- Ungcoliseko lomoya
- Izikhukula ezidolophini
- Ulawulo lwenkunkuma
- Ukunqongophala kwamanzi
- Ubushushu ezidolophini
- Izithuthi nezothutho
- Ukulahleka kweendawo eziluhlaza
- Ukusetyenziswa kwamandla

Umsebenzi wakho: Yenza i-infografiki enephepha elinye echaza:

- Yintoni ebangela le ngxaki.
- Indlela echaphazela ngayo abantu kunye nokusingqongileyo.
- Inzululwazi esemva kwale ngxaki.
- Isisombululo esisekelwe kwinzululwazi okanye kwitekhnoloji.
- Inzuzo enye kunye nomngeni omnye wesisombululo osicebisayo.

Into emayingeniswe: I-infografiki enephepha elinye equlethe imifanekiso, iinyani kunye nenkcazelo emfutshane yesisombululo osicebisayo.

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