



MONTHLY CHALLENGE



SDG 2 - HIGH SCHOOL - CHALLENGE 5 - SEPTEMBER 2026



SDG 2: ZERO HUNGER

Challenge: Research one scientific innovation that is helping to improve food security in South Africa or around the world.

Choose one topic, such as:

- Drought-resistant crops
- Hydroponics
- Vertical farming
- Precision agriculture
- Climate-smart farming

Your Task: Create a one-page infographic explaining:

- How the innovation works.
- The science behind it.
- How it helps reduce hunger or improve food production.
- One advantage and one challenge of using this innovation.

Science Focus: Plant science, biotechnology, environmental science and sustainable agriculture.

Submission: A one-page infographic with images, facts and a short summary of your chosen innovation.

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/Xro7RjzKU9Le9bKx7>

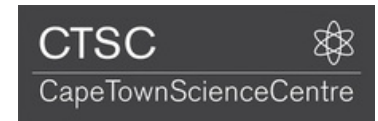
(You will be asked for your name and surname, your grade and your school name.)



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SDG 2: GEEN HONGER

Uitdaging: Doen navorsing oor een wetenskaplike innovasie wat help om voedselsekerheid in Suid-Afrika of regoor die wêreld te verbeter.

Kies een onderwerp, byvoorbeeld:

- Droogtebestande gewasse
- Hidroponika
- Vertikale boerdery
- Presisieboerdery
- Klimaatslim boerdery

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

- Hoe die innovasie werk.
- Die wetenskap agter die innovasie.
- Hoe dit help om honger te verminder of voedselproduksie te verbeter.
- Een voordeel en een uitdaging van die gebruik van hierdie innovasie.

Wetenskapfokus: Plantwetenskap, biotegnologie, omgewingswetenskap en volhoubare landbou.

Inhandiging: 'n Eenbladsy-infografika met prente, feite en 'n kort opsomming van jou gekose innovasie.

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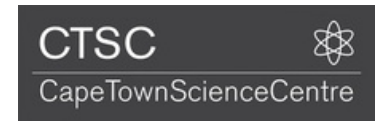
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SDG 2: AKUKHO NDLALA

Umngeni: Phanda ngento entsha eyenziwe okanye esetyenziswa kwisayensi enceda ukuphucula ukhuseleko lokutya eMzantsi Afrika okanye kwihlabathi liphela. Khetha isihloko esinye, umzekelo:

- Izityalo ezinganyangekiyo yimbalela
- IHydroponics
- Ulimo oluthe nkqo
- Ulimo olusebenzisa itekhnoloji echanekileyo
- Ulimo oluhambelana nemozulu

Umsebenzi wakho: Yenza i-infografiki enephepha elinye echaza:

- Indlela le ndlela okanye itekhnoloji esebenza ngayo.
- Inzululwazi esemva kwayo.
- Indlela enceda ngayo ukunciphisa indlala okanye ukuphucula ukuveliswa kokutya.
- Inzuzo enye kunye nomngeni omnye wokusebenzisa le ndlela.

Ingqwalasela yeSayensi: Inzululwazi yezityalo, ibhayotekhnoloji, inzululwazi yokusingqongileyo kunye nolimo oluzinzileyo.

Into emayingeniswe: I-infografiki enephepha elinye equlethe imifanekiso, iinyani kunye nesishwankathelo esifutshane malunga nento oyikhethileyo.

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