

# MONTHLY CHALLENGE

## ENGINEERING – HIGH SCHOOL

### LIMITED SPACE FUTURE

Housing is a basic need and as the population of the world increases, to find enough housing will become more and more difficult. Design an innovative housing solution that combats overpopulation and weigh up the pros and cons of such a design. The design will be based on a city with a size of  $2000\text{km}^2$  and a population of 15 million people. Take photos of your design and label them, then upload them with your other answers to the Google form at the link.

Please type this link into your Google search bar to answer

**<https://forms.gle/NhmAjRxHqH8BKXcx5>**

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

#### INSTRUCTIONS:

- Due date for you to submit your answer on the Google form is 20 July 2022.
- We will announce the Provincial winner for each challenge later in July.
- Solutions will be published on the website at this link - [www.ctsc.org.za/stem-clubs/](http://www.ctsc.org.za/stem-clubs/)

