STEMulator

The **STEMulator** landscape includes the built world, living organisms and complex systems.

Each layer of the **STEMulator** dives a little deeper into the object or intricate system being explored, deconstructing it visually, providing learners a view of the hidden parts they could never have imagined before.

Ever wondered how an airplane works?

Or what it looks like if you take it apart?

The **STEMulator** does just that for you.

Piece by piece you can see all the different parts that come together in one of the most powerful and useful modes of transport we have.

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Welcome to the STEMulator world

An interactive exploration platform

Designed to ignite a spark of curiosity in young minds! In the **STEMulator**'s virtual landscape you can explore the fields of **S**cience, **T**echnology, **E**ngineering and **M**athematics and exciting career options.

The **STEMulator** is a free, on-line, interactive digital landscape that stimulates learner curiosity in the STEM world by providing a highly interactive knowledge portal and exploration environment crammed with animated and visual educational content which entices audience behaviour through curiosity and fun.

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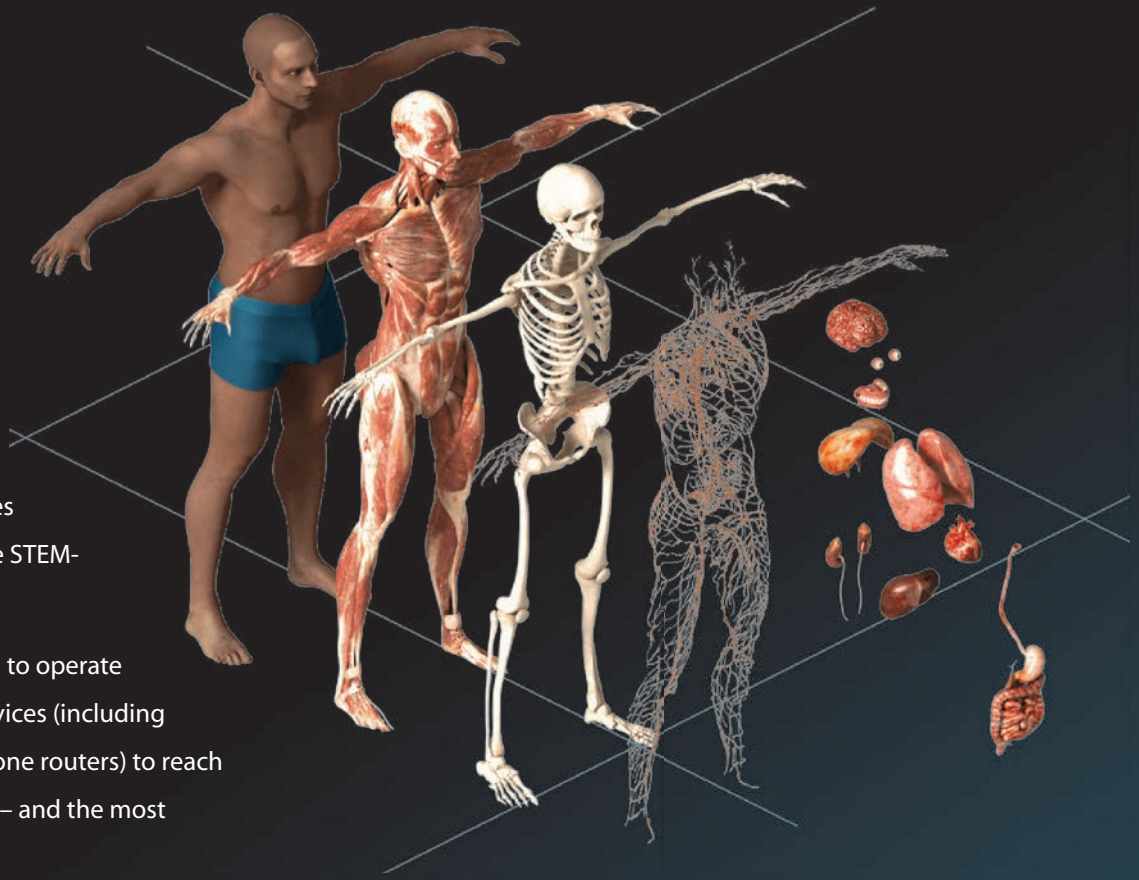
STEMulator



Born from the vision of the National Science and Technology Forum (NSTF) of South Africa, it encourages children of all ages to pursue STEM-related subjects and careers.

The **STEMulator** is designed to operate on several platforms and devices (including memory-sticks and stand-alone routers) to reach even the most remote areas – and the most sophisticated (fully on-line).

The world consists of many exciting objects, the inner workings of which are not easily visible – including the human being!!

STEMulator – The Hidden World Revealed

Everyone has a burning desire to look inside.

This type of learning can revolutionise the education system, providing young minds with the technology and information they need to spark future brilliance in the STEM disciplines.

What makes the **STEMulator** extra special is that it is homegrown – truly South African.

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The **STEMulator** is an exciting new platform for learning about how stuff works, and for finding subjects you like and maybe even your future career.

NSTF/pro*SET* have produced professional videos of career talks with selected award winners; you can view them on YouTube and on TikTok

NSTF/pro*SET* has also created a STEM careers booklet for learners and teachers. Visit **www.nstf.org.za/youth** and find Science Based Career Fields on the menu.

We welcome new **ideas, feedback, suggestions and content contributions**. The **STEMulator** is continuously growing as we add new content. If you have something to offer, or see something we could add, please share. You can contact us at info@stemulator.org or WhatsApp us +27 81 423 8483

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The Hidden World Revealed

www.stemulator.org

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