



# STEMulator

## The world as we know it is **changing**

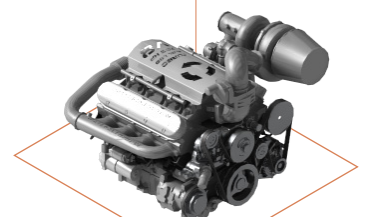
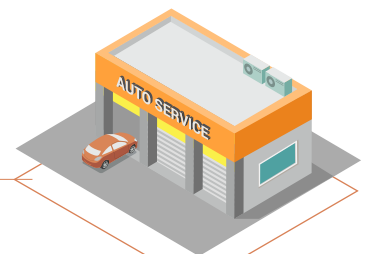
The aim of this project is to encourage the next generation to plan for their future careers within the fields of **science, technology, engineering and mathematics**, through an interactive **Exploratorium** with knowledge at their fingertips. The idea is to create the critical mass to enable this project to run efficiently and to create initial user adoption for this project to fill its specific need. Your contribution to the **EMulator** as a member of proSET is of utmost importance to the young leaders of tomorrow.

## The **EMulator** is an **interactive** application

This acts as a **knowledge portal** within the **STEM** academic discipline. The main menu, which is the master presentation layout, will have highlighted or clickable areas according to a specific field of interest.

When the field of interest or object is selected, the object unpacks which provides the user with not only a overview of all the elements that make up that specific object, but also gives the user an opportunity to explore as well as gather information about that specific object. *For example the car.*

When selected, the car unpacks into various parts/elements like the engine, lights, fuel tank, tyres etc. The user can then select any of the elements that peaks their interest to gain more information. For example the engine. Upon selection a screen will pop up with in depth knowledge about the workings of an engine as well as **information** about the different fields of study relating to what has been selected. **Information** will then be communicated through diagrams, 3D Animation, video and additional reading.





## Become a **Contributor**

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A representative of NSTF will contact you shortly regarding this exciting project.

Your role as a contributor is pivotal in **empowering the future generation**. Your in depth knowledge and expertise can offer real impact to the learners and workforce of tomorrow.

Kind Regards

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Your information is their **success!**