

# STEAM INNOVATION LAB

## Engaging Future Innovators



The STEAM INNOVATION LAB Program targets high school students for skill development and knowledge acquisition in STEM and Art related fields. This enrichment program is a 60 hours program in total spread over three weeks.

The Program covers topics such as Cinematic Arts, Emotional Intelligence, Robotics, Cryptography, Energy Engineering, etc. Each week is a total of 20 enrichment hours that culminate in a product/output and nearly 13 hours dedicated to edutainment. Students will enjoy fun activities and the beautiful Effat University campus, its green areas and campus facilities, basketball, swimming pool, etc. The enrichment program includes two focus areas STEM and Art. Each student selects two courses (one STEM and one Art course).

### Time

### Activity

#### Topics Breakdown

● 9:00	<b>Session 1 - STEM</b> Engineer your Energy Robotics Play and Create Games Cryptography Physics in Everyday Life
● 11:00	
● 11:30	<b>Session 2 - ART</b> Cinematic Art Creative Arts Photography Drama and Theater Emotional Intelligence English is Fun
● 1:30	

#### Day 1

● 9:00	<b>Session one: Selected topic 1</b>
● 11:00	<b>Morning Moves</b>
● 11:30	<b>Session 2: Selected topic 2</b>
● 1:30	<b>Lunch by the Pool</b> (Paul, Nestle Toll House Coffee Bean and Tea Leafs, Le Crepe, Pillatus)
	<b>Prayer</b>
● 2:00-3:30	<b>Cinema Effat</b>

For more information please contact:

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### Time

### Activity

#### Day 2

- 9:00 Session one: Selected topic 1
- 11:00 Morning Moves
- 11:30 Session 2: Selected topic 2
- 1:30 Lunch by the Pool (Paul, Nestle Toll House Coffee Bean and Tea Leafs, Le Crepe, Pillatus)
- Prayer
- 2:00-3:30 Outdoor Activity

#### Day 3

- 9:00 Session one: Selected topic 1
- 11:00 Morning Moves
- 11:30 Session 2: Selected topic 2
- 1:30 Lunch by the Pool (Paul, Nestle Toll House Coffee Bean and Tea Leafs, Le Crepe, Pillatus)
- Prayer
- 2:00-3:30 Art for all outdoor

#### Day 4

- 9:00 Session one: Selected topic 1
- 11:00 Morning Moves
- 11:30 Session 2: Selected topic 2
- 1:30 Lunch by the Pool (Paul, Nestle Toll House Coffee Bean and Tea Leafs, Le Crepe, Pillatus)
- Prayer
- 2:00-3:30 Fun in the Sun

#### Day 5

- 9:00 Session one: Selected topic 1
- 11:00 Morning Moves
- 11:30 Session 2: Selected topic 2
- 1:30 Lunch by the Pool (Paul, Nestle Toll House Coffee Bean and Tea Leafs, Le Crepe, Pillatus)
- Prayer
- 2:00-3:30 Exhibition and Ceremony

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