



STEM FOR LIFE BEAT THE HEAT INDUSTRIAL DESIGN SUMMER CAMP

Use industrial design to
create a product that reduces
heat stress in the summer.



USE INDUSTRIAL DESIGN TO CREATE A PRODUCT THAT REDUCES HEAT STRESS IN THE SUMMER.

Join our STEM for Life Summer Camp to help find innovative solutions for frontline staff who need to "Beat the Heat" every day! Learn about the science of heat energy, the industrial design process and how to prototype physical models. You will also get the chance to meet experts from ADNOC and learn about their work. This camp is free, requires easily accessible materials and can be completed from home.

ABOUT THIS CAMP

Beat the Heat Summer Camp is a 10-day virtual summer camp that will take place online in the comfort of your home. You can work on a solution as an individual or as part of a team with your friends.

You will be challenged to explore the real-world problem of extreme heat in the UAE in a work environment. We are tasking young engineering enthusiasts with designing and building a heat-beating solution for frontline service staff at ADNOC filling stations. Are you up for the challenge?

At the end of this camp, you will create a three-minute video that showcases your physical prototype to help frontline staff keep cool. We can't wait to see your cool, creative and innovative ideas!

Beat the Heat Summer Camp: 25 July - 5 August 2022

Each student will get a participation certificate from ADNOC if they complete and submit their three-minute video before the challenge deadline. Exciting prizes will be awarded, and we can't wait to reveal them! Stay tuned for more details.

[Register here](#) by 15 July 2022.

REGISTER BY 15 JULY 2022

[Click to Register](#)

CONTACT

If you have questions, please email us at: support@adnocstem.ae. Join our portal (adnocstem.ae) and stay informed about the latest announcements.

ADDITIONAL NOTES

Ages: 13 – 17

Location: Online (completed at home)

Cost: Free

Technology Requirements:

Beat the Heat Summer Camp requires access to a computer or tablet.



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FREQUENTLY ASKED QUESTIONS

What is the STEM for Life 2022 Summer Camp?

The STEM for Life 2022 Summer Camp runs over two weeks (10 days) for middle and high school students in the UAE and abroad. Students will learn about exciting STEM career paths, including engineering, energy, prototyping, industrial design and real-world problem-solving. They will also develop their collaboration, problem-solving, communication and critical thinking skills.

What are the dates?

Beat the Heat Summer Camp will run from 25 July - 5 August 2022.

Where will the Summer Camp take place?

In your home! Beat the Heat Summer Camp is an online program. Students can share their work and engage with other participants through the ADNOC Stem for Life online portal (adnocstem.ae).

How much does the program cost?

All ADNOC STEM for Life programming is free.

My kids are different ages. Can they all participate?

The Summer Camp activities are designed for youth aged 13-17. Most activities can be leveled up or down to accommodate the ability and skill levels of different ages.

How much time do students need to allocate to the camp?

The Summer Camp will have Office Hours events on Monday, Wednesday and Friday each week. These live sessions will last approximately one hour. Students should also allocate 2-4 hours per day to complete the Summer Camp activities. Students can complete these activities at whatever time of day is most convenient for them.

How do students access the camp?

All Summer Camp content will be posted on the online portal (adnocstem.ae).

Who are the instructors?

The ADNOC STEM for Life team will host Office Hours events three times per week on Zoom to introduce the Summer Camp challenge and keep students on track.

How will students know what to do?

The Summer Camp will include a downloadable activity booklet with easy-to-follow directions that tell students exactly what to do.

Will students get certificates for participation?

Students will get a participation certificate from ADNOC if they successfully complete their submissions on time.

Will prizes be awarded to students?

Exciting prizes will be awarded, and we can't wait to reveal them! Stay tuned for more details.

What materials do I need to acquire in advance?

This Summer Camp will contain activities that can be completed with basic office supplies and materials that you likely already have at home.

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