

# ADNOC STEM FOR LIFE 2021 SUMMER CAMPS ENERGY FOR THE FUTURE

Explore a world of energy and develop future skills this summer with our two exciting STEM camps!



شركة بترول أبوظبي الوطنية Abu Dhabi National Oil Company

# STRETCH YOUR MIND THIS SUMMER WHILE ENGAGING IN EXCITING CHALLENGES THAT PREPARE YOU FOR THE FUTURE

Join our STEM for Life camps this summer to explore a world of energy! Learn about industry trends, coding, geology, sustainability and much more. You will also get the chance to meet experts from ADNOC and learn about their work. Both camps are free, require easily accessible materials and can be completed from home.

#### **ABOUT THE CAMPS**

#### Mission Digital Energy Camp (25 July - 5 August 2021)

Why settle for a one-world experience when you can also build your own virtual world and showcase it?

Mission Digital Energy is a two-week virtual summer camp that will take place in a Minecraft world built by you and your friends.

You will be challenged to explore, design, build and code as you work to unlock the challenges of Mission Digital Energy. Are you up for the challenge?

At the end of this camp, you will create a cinematic production that tells the story of your virtual world. We can't wait to see what you create!

#### Energy Camp (8-19 August 2021)

Energy is all around and within us! The sounds you hear, the colors you see, the motion of things - did you know that this is all energy in action?

Energy Camp is a two-week hands-on exploration of how we harness different forms of energy to get things done in the world.

Energy is an important concept in every field: physics, chemistry, biology, math, computer science, cryptography and more. In this camp, you will explore energy in all its forms.

Where does your energy come from? Join us to stretch your mind while enjoying the exciting activities that we have in store for you!

#### Energy Camp (8-19 August 2021)

Students will get a participation certificate from ADNOC for every camp that they successfully complete on time. Exciting prizes will be awarded, and we can't wait to reveal them! Stay tuned for more details.contact us at :

#### **REGISTER BY 30 JUNE 2021**

**<u>Click To Register</u>** 

#### CONTACT

If you have questions, please email us at: support@adnocstem.ae, and join our portal adnocstem.ae to stay tuned for the upcoming announcements.

#### **ADDITIONAL NOTES**

#### Ages: 8-16

Location: Camps completed at home Cost: Free

#### **Technology Requirements:**

Mission Digital Energy Camp requires access to a computer or tablet. Minecraft Windows 10 or Education Editions are preferred for coding projects. Java or Mobile Editions can be used as well. Students must purchase their own copies of Minecraft.

Energy Camp requires access to a computer or tablet.

## **STEM FOR LIFE 2021 SUMMER CAMPS**

### **FREQUENTLY ASKED QUESTIONS**

#### What are the STEM for Life 2021 Summer Camps?

The STEM for Life 2021 Summer Camps are two camps that run over four weeks for middle and high school students in the UAE and abroad. Students will learn about exciting STEM career paths, including engineering, geology, computer science, sustainability and design. They will also develop their coding, collaboration, problem solving, communication and critical thinking skills.

#### What are the dates?

Mission Digital Energy Camp runs 25 July - 5 August 2021

Energy Camp runs 8-19 August 2021

#### Where do the summer camps take place?

The camps take place at your home. Students can share their work and engage with other participants through **adnocstem.ae**.

#### How much does the program cost?

All ADNOC STEM for Life programming is free.

#### Can students participate in both camps?

Students are welcome to participate in one or both camps.

#### My kids are different ages. Can they all participate?

The camps' activities are for youth aged 8-16. 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 each camp?

The camps take place Sunday through Thursday. Students should allocate 2-4 hours per day to complete the activities. Students can complete these activities at whatever time of day is most convenient for them.

#### How do students access the camps?

The camps' content will be posted on adnocstem.ae.

#### Who are the instructors?

The ADNOC STEM for Life team will hold office hours three times per week on Zoom to introduce the camps' challenges and keep students on track.

#### How will students know what to do?

Each camp comes with an activity booklet that includes 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 for every camp that they successfully complete on time.

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?

Mission Digital Energy Camp requires access to a computer or tablet. Minecraft Windows 10 or Education Editions are preferred for coding projects. Java or Mobile Editions can be used as well. Students must purchase their own copies of Minecraft. Energy Camp requires access to a computer or tablet. It will contain activities that can be completed with basic office supplies and materials that you likely already have at home.

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