HABITAT SCHOOL
AL JURF, AJMAN

Online Winter Camp with Coding & Artificial Intelligence Courses
KG1 to Grade 12

Circular No: HB/AC/24-25/101 **Dated: 10/12/2024**

Dear Parents
Greetings!

Our school is organizing an Online Winter Camp in Coding and Artificial Intelligence courses for students from age 4 to 15 in association with Cyber Square. We recommend students to make use of this learning opportunity in their vacation time.

Choose any one course from the below;

UAE Time Slots		
Courses	**Time Slot 1**	**Time Slot 2**
Cyber Safe Adventures (Age:4&5)	9:00 AM to 10:00 AM	12:30 PM to 1:30 PM
Paws & Pixels (Age: 4&5)	9:00 AM to 10:00 AM	12:30 PM to 1:30 PM
Cartoon Code Masters (Age:6-8)	12:30 PM to 1:30 PM	3:30 PM to 4:30 PM
AI - SAFARI (Age: 9-11)	3:30 PM to 4:30 PM	5:30 PM to 6:30 PM
AI - Sports Guru (Age: 12-14)	3:30 PM to 4:30 PM	5:30 PM to 6:30 PM
AI - VoiceMate (Age: 14+)	3:30 PM to 4:30 PM	5:30 PM to 6:30 PM

- ➔ Registration Link: Click Here
- ➔ Fee: AED 250
- ➔ Duration: 8 days (1 hour/day)
- ➔ Starting Date: 21st Dec 2024
- ➔ Classes on: December 21, 23, 24, 26, 27, 28, 30th & January 1st

Please use the Whatsapp Chat option on the website for any clarification or call +971544431947

Warm Regards,

Principal
Bala Reddy Ambati

STEM.ORG ACCREDITED EDUCATIONAL EXPERIENCE

Cyber Square Presents
8 Days Winter

CODING CAMP

Instructor-led live online coding classes for kids at your comfort.

DECEMBER 21st - JANUARY 1st

~~399 AED~~
250 AED

FOR AGES
4-15

- **Cyber Safe Adventures**
  Internet safety course for kids
- **Paws & Pixels**
  Code your own animations
- **Cartoon Code Masters**
  Make your own animated Cartoon
- **AI Safari**
  AI coding to recognize animals
- **AI Sports Guru**
  Use AI to predict Sports match outcomes
- **AI VoiceMate**
  Create an AI Assistant for the Visually Impaired

JS
SCRATCH
HTML

Online DIGITAL FEST for participants

8 sessions (1 hr each)

REGISTER NOW

240 Schools
12 Countries
1 M Students

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connect@cybersquare.org

CYBERSAFE ADVENTURES

Internet Safety Course for Kids

FOR AGES
4 & 5

Objectives:

- **Teach kids the fundamentals of online safety, managing screen time, protecting personal data, and engaging positively with others online.**
- **Build Smart Online Habits**

This course teaches children the basics of online safety, managing screen time, protecting personal information, and engaging positively online. Through fun games, role-plays, and crafts, kids will learn to avoid strangers, recognize safe websites, balance screen time, and report unsafe situations, empowering them to navigate the digital world with confidence.

Modules

- Why Less Screen Time is Better
- Safe Gaming – Friendly vs. Unfriendly Behavior
- The Golden Rule – Ask an Adult
- Strangers on the Internet – Stay Away!
- Recognizing Safe and Unsafe games & websites

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PAWS & PIXELS

Coding your own Virtual Pet

FOR AGES
4 & 5

SCRATCH

Objectives:

- **Understand basic coding concepts using Scratch Visual coding.**
- **Encourage creativity and imagination.**

An engaging course specially designed for young minds aged 4 & 5. kids will dive into the world of coding using ScratchJr to create their very own virtual pet. Through interactive stories and playful coding activities, children will unleash their creativity while building a lifelong love for coding.

Technologies

- Scratch Jr coding

Projects

- Virtual Pet
- Pets home and sounds
- Emotions and movements
- Pet story time

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CARTOON CODE MASTERS

Make your own animated Cartoon

FOR AGES
6 - 8

SCRATCH

Objectives:

- **Understand basic coding concepts using Scratch Visual coding.**
- **Encourage creativity and imagination.**

This course introduces the young coders to the basics of coding through playful and engaging activities using Scratch. By the end of this adventure, each child will have not only gained an understanding of coding principles but also created their very own animated cartoon projects.

Technologies

- Scratch Coding

Projects

- Jumping Frogs
- Color the Cat
- Move the Cat
- Move with Music

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AI - SAFARI

AI coding to recognize animals

FOR AGES
9 - 11

SCRATCH

AI

ML

Objective:

- **Empower kids to explore AI concepts by training a machine to recognize animals, fostering creativity, problem-solving, and learning in a fun, detective-themed project.**

Modules:

1. Intro. to AI – What Can Machines Learn?
2. Training AI to see: Image Recognition Basics
3. Collecting animal Images to Train the AI
4. Using Google Teachable Machine to Build the Classifier
5. Testing the Classifier with Real Animal Images
6. Final Presentation: Show How the AI Recognizes animals

Technologies

- Scratch, Google Teachable Machine

Project

- AI Animal Classifier- Students will create an app that can accept images and identify animals in it!

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AI-SPORTS GURU

Use AI to predict Sports match outcomes

FOR AGES
12 - 14

Objectives:

- **Teach students how to apply AI and data analysis by building a model that predicts the outcomes of sports matches using real-world statistics.**

Modules:

1. Introduction to AI and Sports Predictions
2. Collecting and Cleaning Sports Data
3. Introduction to Python for Data Handling
4. Building a Sports Match Predictor Model
5. Testing and Refining the Predictor
6. Presenting Predictions and Insights

Technologies

- Python, Google Sheets, Pandas

Project

- Build an AI sports match predictor that analyzes data to forecast results for football, basketball, or soccer matches.

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AI - VOICEMATE

Create an AI Assistant for the Visually Impaired

FOR AGES
14 +

Objectives:

- **Teach students to build a voice assistant that supports the visually impaired using speech-to-text and text-to-speech technologies.**

Modules:

1. AI in Healthcare and Accessibility
2. Speech-to-Text and Text-to-Speech Basics
3. Installing & Using SpeechRecognition and gTTS
4. Building the Voice Assistant for Menu Reading
5. Testing the Assistant with Real-World Scenarios
6. Presentation and Feedback Session

Technologies

- Python, gTTS, SpeechRecognition

Project

- Students will create a voice assistant that listens to commands and reads menu items aloud using Python, SpeechRecognition, and gTTS.

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About Us

Cyber Square revolutionizes technology education with our proprietary Learning Management System (LMS), delivering a superior educational experience. Our platform offers a comprehensive suite of course materials, lesson plans, and assessments designed by industry experts in Coding, Artificial Intelligence, and Robotics, far exceeding traditional curriculum standards.

With a focus on project-based learning, our LMS enables practical application of knowledge, setting new educational benchmarks. It provides robust support for teachers with an intuitive interface and essential resources for an outstanding Computer Science program. Cyber Square isn't just a platform; it's an investment in a future-focused learning ecosystem that empowers both students and educators to excel in the digital era.

240

Schools

12

Countries

1 M

Students

Videos

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to view

Cyber Square in Media

TORONTO SUN

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Young Mississauga Students Celebrate Extraordinary Coding Talents Showcased at 'Digital Fest'

GlobeNewswire

Published Jul 02, 2023 · 2 minute read

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Young Mississauga Students Celebrate Extraordinary Coding Talents Showcased at 'Digital Fest'

Cyber Square

July 2, 2023 · 3 min read

Cyber Square

Celebrating Coding Excellence: Unity and Achievement at 'Digital Fest'

Proud Moments: Participants, School Representatives, and Cyber Square Representatives gather with beaming smiles, accompanied by the talented young coders proudly displaying their certificates and trophy, symbolizing their outstanding achievements at the 'Digital Fest'.

Quote Lookup

TRENDING

1. Charter: Disney needed to be 'first mover' in historic deal, ESPN was 'the

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Young Mississauga Students Celebrate Extraordinary Coding Talents Showcased at 'Digital Fest'

Young Mississauga Students Celebrate Extraordinary Coding Talents Showcased at 'Digital Fest'

GlobeNewswire Jul 2, 2023

PREV

MISSISSAUGA, Ontario, July 02, 2023 (GLOBE NEWSWIRE) -- Mississauga recently witnessed an awe-inspiring display of coding brilliance as Lynn Rose School's 'Digital Fest' unfolded with an explosion of talent and innovation. This groundbreaking event provided a platform for remarkable 5th-grade students to showcase their transformative coding skills and mind-blowing software projects.

Through a dynamic partnership with a leading coding education initiative Cyber Square, Lynn Rose School adopted Python coding into their school curriculum, empowering students with the tools for success. The 'Digital Fest' marked the culmination of their coding journey, where these young learners amazed the audience with their exceptional projects.

Cyber Square in Media

MENU GULF NEWS UAE Maghrib 5:59PM

Watch: Students of UAE-based school group enter Guinness Records for massive coding event

Watch: Students of UAE-based school group enter Guinness Records for massive coding event

Web development video hangout by 2,803 Habitat Schools students breaks record

Gulf News Report

gulfnews.com/uae/habitats-al-tallah-school-opens-ai-lab-1.68485447

Personal accounts... Cyber Game Revie... DEMO CLASS CO... Baabtra.com Pipel... GitHub Repo Info

MENU UAE Business Going out

UAE

Crime Education Environment Government Health Transport Science Weather Ask the Lav

Habitat's Al Tallah School opens AI lab

Initiative the first of its kind for the UAE

Published: December 14, 2019 18:50

Kerala leads in Artificial Intelligence, coding for children | Kochi News - Times of India

Kerala could claim the title of being the first state where IT coding was first introduced into the curriculum of one of its schools, right from Class

The Times of India

OUR STUDENT *Gallery*

THANK YOU!

Thank you for exploring our Cyber Square coding courses brochure. We look forward to accompanying you on your path to success. If you have any questions, want to enroll in our courses, or need further information, please don't hesitate to reach out. Together, we can shape a brighter future through the power of code and let's create a world where technology is not just a part of our lives but a tool we master.

Why CyberSquare?

Guinness World Record holder for most participants in a web development program in 2022

We're proud partner of Habitat school for achieving guinnes world record for the most users in a web development video hangout consisted of 2,803 participants on 10 January 2022

Wonder Book of World Records holder for the first inclusive digital fest in 2023

Championing inclusivity, we proudly assisted a school in showcasing digital products crafted by visually impaired students. Together, we opened new avenues for creativity, breaking barriers and fostering an inclusive environment for digital innovation.

Global brilliance: Your international education partner

Global Brilliance: Your International Education Partner. With a commitment to excellence, we have been working with 150+ schools around the globe, fostering cross-cultural connections and delivering unparalleled educational support for a truly global learning experience.

Contact Us

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