

سلسلة مسابقات الذكاء الاصطناعي والروبوت الافتراضية 2021 Artificial Intelligence and Virtual Robot Contest Series									
رقم	التصنيف	اللقب التعريفي	اللقب التعريفي الثاني	اللقب التعريفي الثالث	اللقب التعريفي الرابع	اللقب التعريفي الخامس	اللقب التعريفي السادس	اللقب التعريفي السابع	اللقب التعريفي الثامن
No.	Category	لقب التعريف الأول	لقب التعريف الثاني	لقب التعريف الثالث	لقب التعريف الرابع	لقب التعريف الخامس	لقب التعريف السادس	لقب التعريف السابع	لقب التعريف الثامن
1	VEX National Competitions (VNC)	A competition focused on the development of the skills of middle and high school students by employing creative thinking to solve problems through the VEX Code VR, Fusion 360 to test the building skills, and using advanced python to program the Robot	VEX Robotics VR3 (Python advanced)	VR3	Cycle 3	6:00-6:30			
2		A competition focused on the development of the skills of cycle 2 students by employing creative thinking to solve problems through the VEX Code VR, Fusion 360 to test the building skills, and using python to program the robot.	VEX Robotics VR2 (Python)	VR2	Cycle 2	6:35-7:10	Join Microsoft Teams Meeting - 27/11/2020	Join Microsoft Teams Meeting - 25/10/2020	
3		A competition focused on the development of the skills of cycle 1 students by employing creative thinking to solve problems through the VEX Code VR and using block coding to program the robot.	VEX Robotics VR1 (Blocks)	VR1	Cycle 1	7:15-7:45			
4	FIRST National Competitions (FNC)	In Explore, teams of students ages 6-10 focus on the fundamentals of engineering as they explore real-world problems, learn to design and code and create unique solutions made with LEGO bricks and powered by LEGO Education WeDo 2.0.	FIRST LEGO League Jr. (FLJ)	FLJ	Cycle 1	6:00-6:30			
5		Friendly competition is at the heart of Challenge, as teams of students ages 9-16 engage in research, problem-solving, coding, and engineering – building and programming a LEGO robot that navigates the missions of a robot game. As part of the Challenge, teams also participate in a research project to identify and solve a relevant real-world problem.	FIRST LEGO League (FLI)	FLI	Cycle 2	6:35-7:10	Join Microsoft Teams Meeting - 23/11/2020	Join Microsoft Teams Meeting - 26/10/2020	
6		It's way more than building robots. FIRST Tech Challenge teams (up to 15 team members, grades 7-12) are challenged to design, build, program, and operate robots to compete in a head-to-head challenge in an alliance format. Guided by adult coaches and mentors, students develop STEM skills and practice engineering principles while realizing the value of hard work, innovation, and working as a team.	FIRST Tech Challenge (FTC)	FTC	Cycle 3	7:15-7:45			
7	Junior Programming Competitions (JPC)	The application helps students learn logic and programming using blocking programming. It can be used for students from kindergarten to 12th grade.	TYNker National Competition (TYN)	TYN	Cycle 1-2-3	6:00-6:30			
9		It is a multi-use programming language used in many scientific and technical fields and in artificial intelligence.	Python National Competition (PNT)	PNT	Cycle 2-3	6:35-7:10	Join Microsoft Teams Meeting - 24/11/2020	Join Microsoft Teams Meeting - 27/10/2020	
10		It is a multi-use programming language for designing large-scale applications and games. C++ is the preferred language in the International Olympiad in Informatics.	C++ National Competition (C++)	C++	Cycle 2-3	7:15-7:45			
11		Students design websites using HTML, CSS and JavaScript.	Web Development (WDV)	WDV	Cycle 2-3	7:45-8:00			
12		Teams have to develop and program appropriate strategies for virtual autonomous robots to navigate through the virtual world to collect objects while competing with another team's robot that is searching and collecting objects in the same virtual world.	Rescue Simulation League (RSL)	RSL	Cycle 1-2-3	6:00-6:30			
13		Team's skills and experience in programming, electrical and electronic, and 3D design are tested through a series of challenges: 1.The programming challenge: it aims to test the team programming skill, through a set of problems that challenge the student to use his critical thinking and problem-solving skills beside his programming skill. 2.Electrical and electronic challenge: it aims to test student knowledge in building electrical circuits and using electronic components to serve a purpose. 3.3D Design challenge: It aims to test student knowledge in mechanical 3d design. 3d design is used in designing and building robot bodies.	Rescue Line League (RLI)	RLI	Cycle 1-2-3	6:35-7:10			
14	RoboCup Junior National Competitions (RNC)		Soccer Lightweight League (SLI)	SLI	Cycle 1-2-3	7:15-7:45	Join Microsoft Teams Meeting - 25/11/2020	Join Microsoft Teams Meeting - 28/10/2020	
15			Soccer Open League (SOL)	SOL	Cycle 1-2-3	7:15-7:45			
16			OnStage Preliminary League (OPL)	OPL	Cycle 1-2-3	7:45-8:00			

https://www.mataivocompetition.org	سابقة في مجال التصميم وبناء وبرمجة الروبوتات التي تعمل تحت الماء للخطوة الأولى. تركز المسابقة على أن يقدم الطلاب بشكل فردي كل فريق يقدم نفسه في إطار شركة.	Competition in the design, construction and programming of underwater robots for cycle 1. The competition focuses on students progressing in teams, each team presenting itself within a company	Remotely Operated Vehicle	ROV - scout	Cycle 1	6:00 - 6:30					17
https://www.mataivocompetition.org	سابقة في مجال التصميم وبناء وبرمجة الروبوتات التي تعمل تحت الماء للخطوة الثانية. تركز المسابقة على أن يقدم الطلاب بشكل فردي كل فريق يقدم نفسه في إطار شركة.	Competition in the design, construction and programming of underwater robots for cycle 2. The competition focuses on students progressing in teams, each team presenting itself within a company	Remotely Operated Vehicle	ROV - Navigator	Cycle 2	6:35 - 7:10	Join Microsoft Teams Meeting - 26/11/2020	Join Microsoft Teams Meeting - 29/10/2020	ROV		18
https://www.mataivocompetition.org	سابقة في مجال التصميم وبناء وبرمجة الروبوتات التي تعمل تحت الماء للخطوات (C3) تركز المسابقة على أن يقدم الطلاب بشكل فردي كل فريق يقدم نفسه في إطار شركة.	Competition in the design, construction and programming of underwater robots for cycles (C3). The competition focuses on students progressing in teams, each team presenting itself within a company	Remotely Operated Vehicle	ROV - Rangers	Cycle 3	7:15 - 7:45					19
https://www.ftw-robotics.com/competition	هو برنامج عالمي للطائرات بدون طيار يركز مسابقة على تنمية مهارات طلاب الحلقة الأولى من خلال أداء عدد من المهام الفردية والجماعية.	Is a universal program for Drones A competition focused on the development of the skills of cycle 1 students by performing a number of individual and group tasks.	For the Wind - Drones - DroneBlocks	FTW1	Cycle 1	6:00 - 6:30					20
https://www.ftw-robotics.com/competition	هو برنامج عالمي للطائرات بدون طيار يركز مسابقة على تنمية مهارات طلاب الحلقة الثانية من خلال أداء عدد من المهام الفردية والجماعية.	Is a universal program for Drones A competition focused on the development of the skills of cycle 2 students by performing a number of individual and group tasks.	For the Wind - Drones - Rec Foundation	FTW2	Cycle 2	6:35 - 7:10	Join Microsoft Teams Meeting - 28/11/2020	Join Microsoft Teams Meeting - 31/10/2020	For The Wind - Drones International competition		21
https://www.ftw-robotics.com/competition	هو برنامج عالمي للطائرات بدون طيار يركز مسابقة على تنمية مهارات طلاب الحلقة الثالثة من خلال أداء عدد من المهام الفردية والجماعية.	Is a universal program for Drones A competition focused on the development of the skills of cycle 3 students by performing a number of individual and group tasks.	For the Wind - Drones - COEX Copterhack (python)	FTW3	Cycle 3	7:15 - 7:45					22
https://horizonhg.org/ho-menu/Horizon-Grand-Prix Top menu - Horizon Grand Prix	سابقة سباق السيارات الصديقة للبيئة متخصصة في التصميم السيارات الصديقة للبيئة من خلال مراحل التصميم باستخدام Autodesk fusion 360 وAutodesk Inventor المصمم للطلاب C3.	Eco-friendly car race Competition specializing in the design of eco-friendly cars through the phases of design using Autodesk fusion 360 and Autodesk Inventor designed for C3 students.	Horizon Design	HD	Cycle 2	6:00 - 6:30	Join Microsoft Teams Meeting - 29/11/2020	Join Microsoft Teams Meeting - 1/11/2020	Horizon Grand Prix		23
https://horizonhg.org/ho-menu/Horizon-Grand-Prix Top menu - Horizon Grand Prix	سابقة سباق السيارات الصديقة للبيئة متخصصة في التصميم السيارات الصديقة للبيئة من خلال مراحل التصميم باستخدام Autodesk fusion 360 وAutodesk Inventor المصمم للطلاب C3.	Eco-friendly car race Competition specializing in the design of eco-friendly cars through the phases of temitri and design using Autodesk fusion 360 and Autodesk Inventor designed for C3 students.	Horizon design and Temitri	HDT	Cycle 3	6:35 - 7:10					24
https://matatalab.com/en/fr/mwc	مسابقة مثقبات الإبر التي المحلية هي أول مسابقة غير الإنترنت خلال السنة الأولى (9-10 سنوات) هدفها الرئيسي هو توسيع معرفة الطلاب وتعليمهم حول الفيروسات (Covid-19) العالمي من خلال التعرف على إنشاء أفضل سيناريو يتفاد عن تفشي المرض والتخلص من الفيروس.	Matata LAB Local Competitions is the first Online Competition for cycle 1 students (6-9 years old). Its Matata target is to expand the student's knowledge and awareness about the existing Covid 19 Virus by involving them in creating the best scenario to defend the planet and get rid from the virus	Matata Lab Challenge - C1		C1	6:00 - 6:30	Join Microsoft Teams Meeting - 30/11/2020	Join Microsoft Teams Meeting - 7/11/2020	Matata Lab Challenge - C1		25