



# DELHI PUBLIC SCHOOL DWARKA

presents



**CORE11**



**ROBODEX8**



# RULES AND REGULATIONS

- All schools must report for registration at **8:00 am**.
- To compete for the Overall Trophy, it is mandatory to participate in at least 6 events.
- The schedule and rules are subject to last minute changes.
- Please refer to our website [www.coreis.us](http://www.coreis.us) or our Facebook page **@dpsCore** for further updates.
- Online registration will begin from **15 October 2018** at <https://goo.gl/si4sKM> . Duly filled in Registration Forms must reach DPS Dwarka latest by **30 October 2018**.
- Schools who wish to participate in the online events, must register latest by **28 October 2018**.



# Schedule

Day 1 (Thursday, 01 November 2018)

Time / Venue	Auditorium	Football Field	Computer Lab (Main Building)	Gaming Lab	Classrooms (Main Building)
8:00 am - 9:00 am	Registration				
9:00 am - 9:30 am	Inauguration				
9:30 am - 10:00 am	Group Discussion	Peripeteia Prelims	Creative	Gaming	JQ Prelims
10:00 am - 10:30 am					SQ Prelims
10:30 am - 11:00 am					Crossword Prelims
11:00 am - 11:30 am		JQ Finals			
11:30 am - 12:00 pm					
12:00 pm - 12:30 pm					
12:30 pm - 1:00 pm					

Time / Venue	Open Air Stage	Basement
9:00 am - 11:00 am	Robowars	
11:00 am - 1:00 pm		Peripeteia Finals



# Schedule

Day 2 (Friday, 02 November 2018)

Time / Venue	Auditorium	Computer Lab (Main Building)	Gaming Lab
8:00am - 8:30am	Registration		
8:30am - 9:00am			
9:00am - 9:30am	Senior Quiz Finals	Creative	Gaming Semi Finals
9:30am - 10:00am			
10:00am-10:30am			
10:30am-11:00am	Crossword Finals		
11:00am-11:30am			
11:30am-12:00pm			
12:00pm-12:30pm	Gaming Finals		
12:30pm - 1:00pm	Valedictory		

Time / Venue	Open Air Stage	Badminton Court
9:00am - 12:30pm	Beg Borrow Steal	Robosoccer



# Integrated Event

## 1) Peripeteia

The only thing certain in life is uncertainty.

This event shall be conducted by CORE and Robodex in collaboration.

**Participants:** 1 team of 4 members

**Eligibility:** Open



# C.O.R.E. EVENTS

## 1) CREATIVE

Creativity. Enough said.

Prelims to be submitted online by midnight of **28<sup>th</sup> October 2018**. The A/V portion to be uploaded on YouTube(unlisted), the Web Development portion to be uploaded on google drive/dropbox and the links emailed to **mail@coreis.us**. A maximum of 6-8 teams will qualify for the finals on the day of the event. Updates related to the topics will be made online.

**Topic:** To be released on our Facebook page.

**Softwares Provided:** 3Ds Max 10, Blender, Maya, Adobe Premier Pro, Adobe After Effects, Sony Vegas, Adobe SoundBooth, FL Studio, Audacity, Sublime Text, Adobe Photoshop, Adobe Illustrator

**Participants:** One team of 4 members

**Eligibility:** Open

## 2) CROSSWORD

Are you \_\_\_\_\_ enough ? (8)

**Participants:** Two teams of two members each

**Eligibility:** Open

## 3) enCORE

It's time to change this game. Tune an event for an all new event which will test your critical thinking, technical skill, and obviously, that obsession

**Timing:** 8:00 pm -11:00 pm (**Monday, 29 October 2018**)

**Participants:** Team event(all participants of the school)

**Eligibility:** Open



## 4) GAMING

Pwned.

**Software provided:** ?

**Participants:** One member

**Eligibility:** Open

## 5) GROUP DISCUSSION

Let's talk tech.

**Participants:** One member

**Eligibility:** Open

## 6) JUNIOR QUIZ

A test of your obsession. Six teams shall be selected for the final round on the basis of a written preliminary round.

**Participants:** Two teams of two members each

**Eligibility:** VI - X

## 7) SENIOR QUIZ

A test of your obsession, another level up. Six teams shall be selected for the final round on the basis of a written preliminary round.

**Participants:** Two teams of two members each

**Eligibility:** Open

## 8) PHOTOGRAPHY

A test of capturing virtual reality, an illusion of an interesting world. Drastic editing won't be allowed.

An Online Event. Entries to be submitted online by midnight of **28<sup>th</sup> October 2018**.

Entries to be mailed at **mail@coreis.us**. Announcements related to the topics will be made online.



**Participants:** One member

**Eligibility:** Open

## 9) PROGRAMMING

```
#include<RDP.h>
void pro()
{
    int level = 9000;
    level++;
}
```

An online event. Announcements related to the prelims will be made online on [www.coreis.us/prog](http://www.coreis.us/prog)

**Online Event: 31 October 2018**

**Language:** C++ (Turbo C++ 3.0, Dev C++, Codeblocks - C++11 Support)

**Participants:** One team of two members

**Eligibility:** Open





# ROBODEX EVENTS

## 1) BEG BORROW STEAL

Each team will be required to bring 2 bots. They will be provided with a defined area in which some objects will be scattered /spread. 2 to 4 teams will be placed in the arena with a defined area for each team. The teams have to collect as many objects as possible into their area in the given time, they can even snatch/steal the objects from others. The team with maximum number of objects at the end of the time-period will be declared the winner

**Participants:** One team of four members

**Eligibility:** Open

**Instructions:**

- The bots can be wired or wireless.
- If your bot is wireless, we can't guarantee availability of frequencies.
- Length of the wire should not be less than 3m(if wired)
- Bot Dimensions should not exceed the maximum of 30cmX30cmX30cm
- Maximum Voltage supply-24V
- Max. Weight- 6 kgs combined
- There will be negative marking if the bots perform any foul during the run.
- The decision of the judges will be final and binding.

## 2)ROBOWARS

An epic battle between machines. To build a combat robot for a fight until death.

**Participants:** One team of two members.

**Eligibility:** Open

**Instructions:**

- Robots can have any kind of magnetic weapon, cutters, saws, pushing mechanism, etc.
- If your bot is wireless, we can't guarantee availability of frequencies.
- Robots with any kind of explosives or any flame throwers will not be allowed. If any bot possesses such weapons, the team would be directly

**DISQUALIFIED**

- Weight - Max 20 Kg



- Max. Dimensions - 50cm x 50cm x 50cm.
- Voltage - Max 24V
- Length of the wire- Minimum 5m
- Extension boards will be provided.
- Decision of the judges would be final and binding

### 3) ROBOSOCCER

The task is to play a game of football (With a T.T. Ball) using robots. Each team will consist of 2 bots, one attacker and one defender. The Team with higher number of points at the end of the match will be declared the winner. It will be a knock-out tournament.

**Participants:** One team of four members

**Eligibility:** Open

**Instructions:**

- The bots can be wired or wireless.
- If your bot is wireless, we can't guarantee availability of frequencies.
- Length of the wire should not be less than 3m(if wired)
- Bot Dimensions should not exceed the maximum of 30cmX30cmX30cm
- Maximum Voltage supply- 24V
- Max. Weight- 6 kgs combined
- There will be negative marking if the bot performs any foul at any point during the run.
- Any damage to the arena will result in immediate disqualification
- The decision of the judges will be final and binding.

**NOTE- All the tools for repairing/ rebuilding the bot should be brought by the participating teams. The host school will only provide an electric port to work with.**



# Points Distribution Peripeteia

S. No.	Event	First	Second	Third
1.	Peripeteia	150	120	100

# Points Distribution ROBODEX

S. No.	Event	First	Second	Third
1.	Beg Borrow Steal	100	80	60
2.	Robowars	120	100	80
3.	Robosoccer	120	100	80



# Points Distribution

## CORE

S. No.	Event	First	Second	Third
1.	enCORE	150	120	100
2.	Creative	150	120	100
3.	Senior Quiz	120	100	80
4.	Group Discussion	120	100	80
5.	Crossword	120	100	80
6.	Gaming	100	80	60
7.	Junior Quiz	100	80	60
8.	Photography	100	80	60
9.	Programming	100	80	60



# Contact Us

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# Delhi Public School, Dwarka

## CORE 11

<b>Name of the School</b>			
<b>Teacher Incharge</b>	<b>Name:</b>		
	<b>Contact No. :</b>		
<b>Student Incharge</b>	<b>Name</b>		
	<b>Contact No. :</b>		
<b>Creative</b>			
<b>Crossword</b>	<b>Team 1:</b>		
	<b>Team 2:</b>		
<b>Gaming</b>			
<b>Group Discussion</b>			
<b>Hardware</b>			
<b>Junior Quiz</b>	<b>Team 1:</b>		
	<b>Team 2:</b>		
<b>Programming</b>			
<b>Senior Quiz</b>	<b>Team 1:</b>		
	<b>Team 2:</b>		
<b>Photography</b>			



## Delhi Public School, Dwarka

# ROBODEX8

<b>Name of the School</b>		
<b>Teacher Incharge</b>	Name:	
	Contact No. :	
<b>Student Incharge</b>	Name	
	Contact No. :	
<b>Beg Borrow Steal</b>		
<b>Robo Wars</b>		
<b>Robo Soccer</b>		

### Integrated Event (Peripeteia)

<b>Peripeteia</b>		