



UDAYAN UCHCHA MADHYAMIK BIDHYALAYA



U D A Y A N S C I E N C E C L U B



Date:

To

The Principal/Headmaster

.....
.....

Subject:

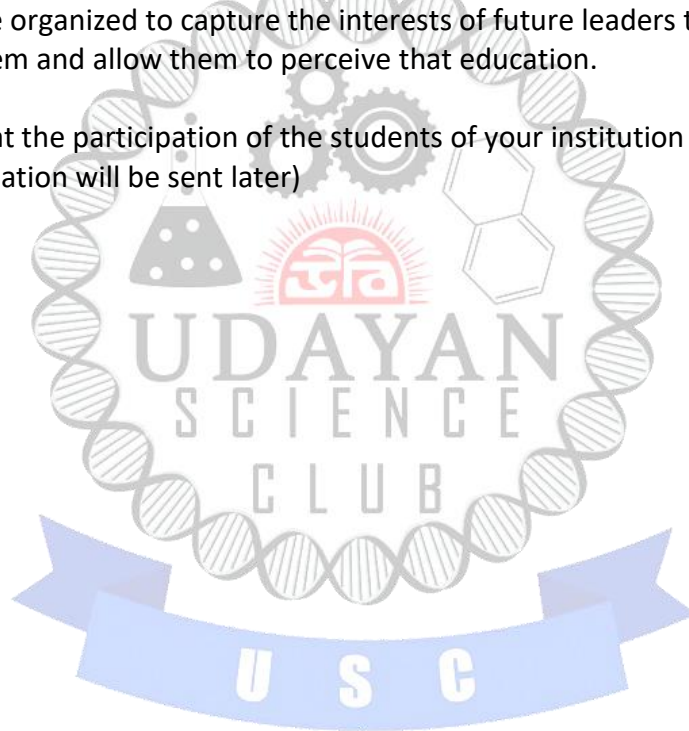
Dear Sir/Madam,

We are very excited to convey that the “**Udayan Science Club**” of “**Udayan Higher Secondary School**” is going to set up the “**40th Udayan Science Carnival**” from 22 February 2020 to 24 February 2020, in our premises. We are expecting the participation of versatile talented students from the leading educational institutions of our country. On this long awaited occasion, the following events will be organized to capture the interests of future leaders to spark new delightment among them and allow them to perceive that education.

Therefore, we hope that the participation of the students of your institution will make our carnival livelier. (Further information will be sent later)

Thank You.

Yours truly



MST. Asma Khatun
Convener
40th Udayan Science Carnival

Dr. Umme Salema Begum
Principal
Udayan Higher Secondary School



EVENT LIST:

1. PROJECT DISPLAY (A,B,C,D,E)
2. OLYMPIADS:
 - Physics Olympiad (D,E)/Astronomy Olympiad (D+E)
 - Chemistry Olympiad(D, E)
 - Biology Olympiad (D,E)
 - Math Olympiad(A,B,C,D,E)
 - Science Olympiad (A,B,C)
 - ICT Olympiad (C,D,E)
 - MAP(BS) Olympiad (D,E)
3. Science Based Quiz Competition (D,E)
4. Science Based Wall Magazine Competition (Group 1:Class 3- 8; Group 2:Class 9-12)
5. Hidden Object (D,E)
6. Programming Contest (Group 1:Class 3-8; Group 2:Class 9-12)
7. Chess Competition (Group 1: Class 3-8; Group 2:Class 9-12)
8. Truss Competition (Class 9-12)
9. Science Fiction Story Writing Competition (Open For All)
10. Science Based Extempore Speech (D,E)
11. Rubik's Cube (Group 1:Class 3-8;Group 2: Class 9-12)
12. Gaming -
 - i. PUBG mobile
 - ii. Need For Speed
 - iii. FIFA 19

Groups:

- A: Class 3-4
- B: Class 5-6
- C:Class7-8
- D: Class 9-10
- E:Class 11-12





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Schedule:

Date	Events	Time
22 February 2020 (Saturday)	Reporting Time	8:00 am
	Project Setup	11:00 am – 2:00 pm
	Wall Magazine	9:00 am – 3:00 pm
	Physics Olympiad Chemistry Olympiad Astronomy Olympiad Science Olympiad	8:30 am – 9:30 am
	Math Olympiad Biology Olympiad MAP(BS) Olympiad	10:00 am – 11:00 am
	ICT Olympiad	11:30 am – 12:30 pm
	Chess Competition	11:00 am – 3:00 pm
	Gaming PUBG Mobile Need For Speed	11:00 am – 2:30 pm
	Science Based Quiz Competition(Writing Part)	1:00 pm – 2:00 pm
	Hidden Object	2:00 pm – 2:30 pm
	Reporting Time	8:00 am
23 February 2020 (Sunday)	Inauguration Ceremony	9:00 am -11:00 am
	Project Display Wall Magazine Display	9:00 am – 4:00 pm
	Visiting Time	11:30am - 04:00pm
	Programming Contest	11:00am– 2:00 pm
	Gaming FIFA 19	11:00 am – 2:30 pm
	Break	1:00 pm – 1:30 pm
	Truss Challenge	12:00 pm – 3:00 pm
	Rubik's Cube	2:00 pm – 3:00 pm
	Reporting Time	8:00 am
24 February 2020 (Monday)	Project Display Wall Magazine Display	9:00 am – 3:00 pm
	Extempore Speech	11:00 am – 1:00 pm
	Visiting Time	11:30 pm – 3:00 pm
	Break	1:00 pm – 1:30 pm
	Science Based Quiz (Buzzer Round)	1:30 pm -3:00 pm
	Prize Giving Ceremony	3:00 pm – 5:00 pm



❖ General Rules

1. There will be 5 groups:
 - A: Class 3-4
 - B: Class 5-6
 - C: Class 7-8
 - D: Class 9-10
 - E: Class 11-12
2. Participants of invited institutions can participate by ensuring registration in free of cost except Truss Challenge & Gaming. Those are paid events.
3. Participants must have to bring their institution ID card with them.
4. Campus Ambassador has to submit participants' information of his/her campus on 17 February 2020.
5. Participation certificate will be given to all the participants of all events.
6. Decisions taken by the authority and judge will be the final decisions. Objections should be notified to the science club.
7. Online registration is available. Participant can also register by the invitation letter. Registration and other necessary information are given at the last page.
8. Those who completed their registration through online need not to do registration by the invitation letter again.
9. Registration will be packed up after the maximum number of each event.
10. Participants of each competition must report at least 20 minutes before the competition brings on that very day.
11. Participants are requested to bring their necessary equipment with them.
12. Any type of unsocial activities is strictly prohibited.
13. The whole authority will not be responsible for any accident.
14. All the necessary information, contact numbers and links are given at the last page.
15. Spot registration is not available.
16. Visitors are allowed.
17. Udayan Science Club has the right to take and change any decision.



• Olympiads Rules

1. Olympiads' Categories:

Session 1	Physics Olympiad Chemistry Olympiad Astronomy Olympiad General Science	D, E D, E D+ E A, B, C
Session 2	Math Olympiad Biology Olympiad MAP(BS) Olympiad	A,B,C,D,E D, E D, E
Session 3	ICT Olympiad	C, D, E

Groups:

- **A:** Class 3-4
- **B:** Class 5-6
- **C:** Class 7-8
- **D:** Class 9-10
- **E:** Class 11-12

2. Each participant can participate only in 2 Olympiads.
3. One can participate in only one Olympiad from a session.
4. Using Calculator is strictly prohibited.
5. Cheating will be resulted in silent expel.
6. Online registration is available.
7. Maximum 10 members can participate in Olympiads from an institution.

No.	Name	Class	Roll	Category	Contact Number	Participating Olympiads
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						



•Programming Contest Rules

1. The contest will be held in an online platform and the users must have a vJudge account.
[<https://vjudge.net/>]
There will be two Groups:
 - Junior (8-10)
 - Senior (11-12)
2. The participants are to participate individually.
3. There will be 6 programming problems and the contest time will be 3 hours.
4. Any use of digital devices other than the provided computer is strictly prohibited.
5. Mobile phones are to be kept silent.
6. The participants are not allowed to use any kind of external storage device to get any help during the contest and other type of documents is not allowed.
7. Participants are not allowed to visit any other website other than the judging website during the contest.
8. Participants are allowed to bring printed copies and books.
9. Any decision of the authority will be final.
10. The participants are strictly prohibited to change any settings of the computer.
Any proof of trying to violate the rules will lead to disqualification.
11. Maximum 2 participants can participate from an institution.

No.	Name	Class	Roll	Category	Contact Number

•Science Based Extempore Speech Rules

1. Groups: D,E
2. Topics will be provided half an hour before the competition.
3. 5 minutes will be given for speech delivery.
4. Maximum 2 participants can participate from an institution.

No.	Name	Class	Roll	Category	Contact Number



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●Science Based Wall Magazine:

1. Groups: ● Group 1- **A,B,C**
●Group 2- **D, E**
2. A team can consist of maximum 3 members.
3. There is no specific size for a wall magazine.
4. Participants are permitted to display wall magazine of any standard size.
5. All three of the team members must be from the same institution.
6. Last date of submission : 17 February 2020
7. Maximum 3 wall magazine can be submitted from an institution.

No.	Name	Wall Magazine Subject	Class	Roll	Category	Contact Number

●Quiz Rules

1. Groups: **D,E**
2. There will be 2 rounds. Participating teams have to qualify by giving written test for the final round.
3. Participants of a team should be from the same institution.
4. 3 members should be in a team.
5. Maximum 2 teams can participant from an institution.

No.	Team Name	Name	Class	Roll	Category	Contact Number



●Hidden Object Rules

1. Groups
 - Junior (8-10)
 - Senior (11-12)
2. Participants have to find out specific object from a provided picture in a specific time.
3. Time will be counted for judging. Top 3 low time scorers with all correct inventions of object will be the winners.
4. Maximum 5 participants can participate from an institution.

No.	Name	Class	Roll	Category	ContactNumber

●Chess Tournament Rules

1. Group 1: **Class 3-8**
Group 2: **Class 9-12**
2. The tournament will follow blitz chess format.
3. All matches will be knocking out.
4. Tournament will follow the rules of the below link:
http://www.qatarchess.com/lawsOfchessnew_rap_bltz.htm
5. Point Counting:
 - Pawn=1 point
 - Knight=3 points
 - Bishop=3 points
 - Rook=5 points
 - Queen=9 points
6. If match ends up with draw the winner will be selected by counting the first 15 moves or more than it if needed.
7. Maximum 3 participants can participate from an institution.

No.	Name	Class	Roll	Category	ContactNumber



UDAYAN UCHCHA MADHYAMIK BIDHYALAYA



U D A Y A N S C I E N C E C L U B



●Rubik's Cube Rules

1. Groups : ●Junior(3-8)
●Senior (9-12)
2. Size: 3X3
3. Participants will have to bring their own cubes. .
4. If someone's cube gets broken under competition, he will be disqualified.
5. Maximum 3 participants can participate from an institution.

No.	Name	Class	Roll	Category	Contact Number

●Science Fiction Story Rules

1. All Groups can participate in this event.
2. The article is to be submitted in the booth of Udayan Science Club.
3. Any kind of plagiarism will result in disqualification.
4. The use of prohibited words will result in disqualification.
5. Last date of submission: 17 February 2020
6. Words limit should be between 400.

No.	Name	Class	Roll	Category	ContactNumber

●Gaming Contest (PUBG Mobile, FIFA 19, Need For Speed)

Gaming rules are given in the below QR

Code:



Facebook Event:

40thUdayan Science Carnival 2020

Event link:

www.facebook.com/events/475188063167364

Registration: Online



• Truss Challenge Rules

A competition of pop stick made bridge.

1. Group: IX-XII
2. Maximum 3 participants will pair up a team.
3. Popsicle sticks will be provided on spot.
4. Each should bring only one glue gun(for use), glue and a multi-plug.
5. Only 350 Popsicle sticks will be provided.
6. Stick count must be recorded and presented to the judges
7. 3 members of a team must be from same institution.
8. All teams must be ready to prepare their model within 3 hours.
9. Maximum clear length of 38-42cm and Joint length can't be more than 1 cm
10. Inner width of the truss must be at least 8 cm.
11. Popsicle sticks can't be cut & use of broken stick is not allowed.
12. Glue can only be used on joints. If it is used anywhere else, then that truss will be disqualified. The sticks may be placed diagonally but glue MUST NOT be applied at the diagonally overlapped Popsicle.
13. Overlapping (one stick over other) of two sticks is not allowed. Any truss having this will be disqualified.
14. To allow for testing, there must be a .5" gap at mid-span in the bridge deck.
15. There must be no obstructions below the hole that would prevent the passage of the testing apparatus(rod)
16. Scoring : Total points= (Load taken/ Self weight) – (Numbers of Overlapping x 2) – (Numbers of excess glue x 5)
17. Maximum 1 teams can participate form an institution.

No.	Team Name	Name	Class	Roll	Contact Number



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[N.B: THERE WILL BE NO SPOT REGISTRATION]

Last date of submission is: 4:00pm, 17February, 2020

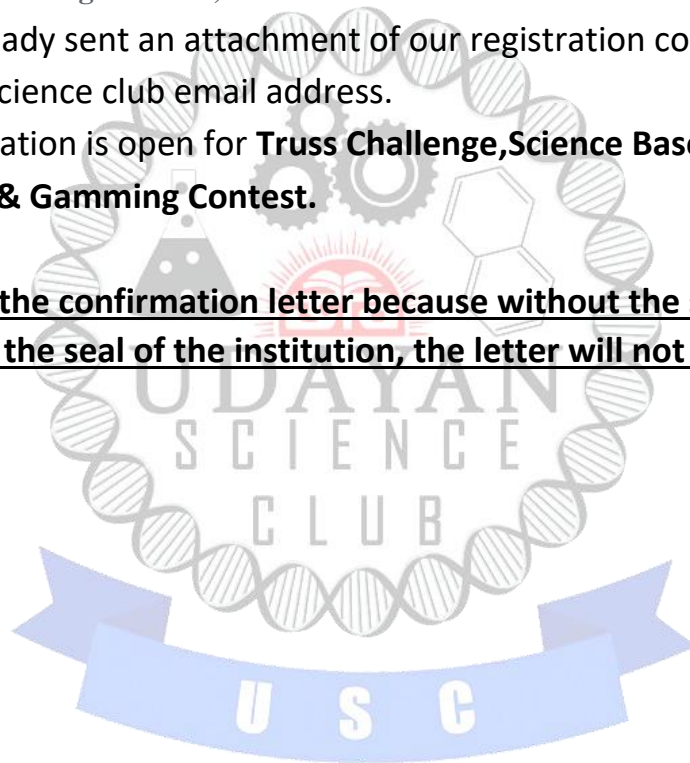
There are two ways to give the name list of the participants with the confirmation letter-

1. Fill up the blanks with proper information and submit in our college office (Dhaka University, Dhaka 1000)

Fill up the blanks with proper information and send an email (udayanscienceclub@gmail.com)

2. We have already sent an attachment of our registration copy to your institution's science club email address.
3. Online registration is open for **Truss Challenge, Science Based Quiz Competition & Gammig Contest.**

Please check the confirmation letter because without the signature of the principal and the seal of the institution, the letter will not be granted.





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Registration Methods:

1. Through Invitation Letter:

This invitation letter contains a registration form. Participants can register through that from. For the events where registration fees are applicable (Sketch, Truss Challenge), you will have to submit the registration fees to our science club booth, **UdayanUchchaMadhyamikBidyalaya**.

2. Through Online Link:

<https://www.facebook.com/events/475188063167364/>

Contacts:

For any queries, please contact with us through our Facebook Page:

Sadman Al Beruni

President - 01552396099

Khairun Nahar Shila

Vice President of Olympiad- 01859696315

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Vice President of Project- 01730682778

Tarek Najmus Sakib

General Secretary- 01740197002

