

Committee Report

2020 / 2021 Trinidad and Tobago Chemistry Olympiad

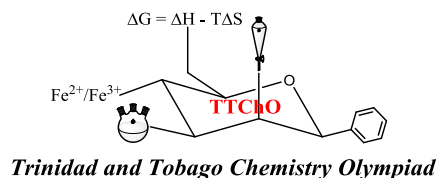
Round 1 - Level A and Level B

The 2nd edition of the Trinidad and Tobago Chemistry Olympiad (TTChO) is taking place in the ongoing COVID-19 pandemic. Despite these unprecedented times, the TTChO Committee is determined to provide the students of Trinidad and Tobago with an opportunity to participate in a prestigious tournament with international reach. We have successfully pivoted our qualifying examinations to an online platform, which has been well received.

Though there are many challenges being experienced by the students during this period (online fatigue, connectivity issues, etc.), the TTChO has still managed to attract over 200 participants, which by all measures, is a success.

We must thank the schools and teachers for encouraging their students to participate under the present conditions we all are facing. The TTChO acknowledges that this would not have been a straightforward task - balancing the constraints of online teaching, school-based assessments, along with preparing and motivating your students to participate in the Olympiad.

The performance trends, distribution of marks, and highest scores in the online setting of 2020/21 are comparable to that of the paper-based system of 2019/20. This would suggest that there has been no sacrifice of academic integrity, with a properly designed and structured open book online exam.



The 2nd edition of the TTChO saw 105 students in Level A from 14 schools; and 128 students in Level B from 15 schools:

Level A **Total Number of Students**

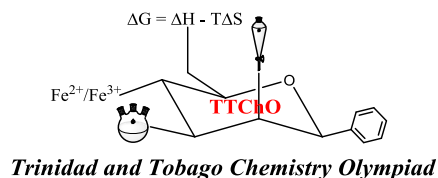
Form 2	1
Form 3	14
Form 4	33
Form 5	57

Level B **Total Number of Students**

Form 5*	1
Lower 6	72
Upper 6	55

In Level A, St. Joseph's Convent, San Fernando had the most number of participants (20 students); and in Level B, first time participant ASJA Girls' College, San Fernando had 25 students participating.

* Mikail Hosein of Queen's Royal College mistakenly wrote the Level B exam, instead of the form-appropriate Level A exam. His mark was higher than a number of genuine Level B candidates, and consequently we have taken the decision to facilitate his participation in Round 2 Level A.



Many of last years' top students, repeated their outstanding performance in the 2nd edition of the TTChO:

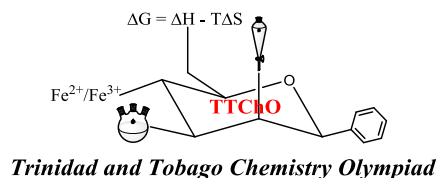
- (i) Ved Stanton - Naparima College
Placed 1st in Form 4 in 2019/2020
Joint 2nd in Form 5 (and Level A Overall) in 2020/2021

- (ii) Antonio Madoo - Couva East Secondary School
Placed 2nd in Form 5 in 2019/2020
Joint 2nd in Lower 6 in 2020/2021

- (iii) Justice Thompson - Queen's Royal College
Placed 3rd in Lower 6 in 2019/2020
Joint 1st in Upper 6 in 2020/2021

- (iv) Varenyam Maharaj - Naparima College
Placed 2nd in Lower 6 in 2019/2020
Joint 2nd in Upper 6 in 2020/2021

Furthermore, quite a number of students who advanced to Round 2 in 2019/20, also qualified for their respective Round 2 in this year's 2020/2021 tournament.



We must make special mention of the following students:

- (i) Raúl Seepersad - Presentation College Chaguanas

The only Form 2 participant, outsourced many of his counterparts in forms 3 - 5.

- (ii) Marcus Ellis - Queen's Royal College

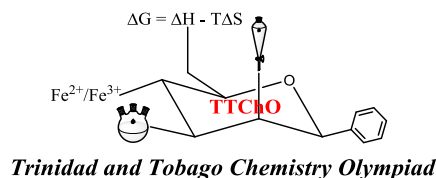
Form 3 student, qualified for Round 2, and outsourced many of his counterparts in forms 4 - 5.

- (iii) Liam Pinto - Fatima College

Form 4 student, placing joint 2nd overall in Level A, among his form 5 counterparts.

- (iv) Daniel Xavier - Fatima College

Lower 6 student, placing joint 1st overall in Level B, among his upper 6 counterparts.



For Level A:

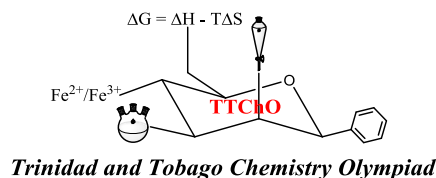
The overall performance closely resembled a normal distribution, with the highest mark being 83%. 49 students were selected to advance to the Round 2 - Level A, representing a wide selection of schools. While the majority of these are from Form 5 (36), we are quite pleased to report that twelve (12) Form 4s, and one (1) Form 3 were also among those advancing.

For Level B:

Similarly, the overall performance somewhat resembled a normal distribution, with the highest mark being 67%. 65 students were selected to advance to Round 2 Level B. We were quite impressed that more than half of those advancing were from Lower 6 (37 students).

Conclusion:

Trinidad and Tobago will be participating in the 2021 Remote (Online) Olympiad hosted by Japan on 23rd July – 2nd August. Cognizant that students will be focusing on their respective National Exams for June and July, coupled with the fact that we are required to provide the names comprising our representing team to the IChO by 31st May, this necessitates a change in our team selection process.



Round 2 Examination:

The TTChO will be merging our Round 3 selection process into our Round 2 exam which will be held on Thursday 27th May, 2021. Please note the following for the 2nd Round Examination:

(i) Date : Thursday 27th May, 2021

(ii) Time : 5pm – 6pm

The Assessment will be open during this time. Candidates can access the exam at any time during this 1 hour window.

(iii) 30 questions, 30 minutes duration.

Timer begins as the Assessment is entered.

(iv) Negative marking: - 0.25 marks for each incorrect answer.

Each correct answer is worth 1 mark.

It is advisable that if the Candidate is unsure of the correct answer, they should leave it blank.

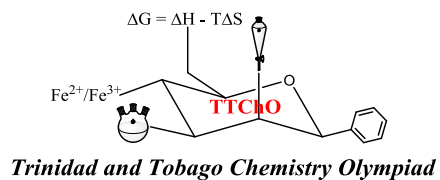
Level A Topics: Stoichiometric calculations, Qualitative Analysis, Organic Chemistry

Level B Topics: Organic Chemistry

The Top 20 qualifying students (2019-2020 TTChO), who progressed to the 2020-2021 edition, would be required to write the May 27th Examination.

From these results, the top 4 students (and 2 alternatives) will be selected for special participation that will commence when their national exams have been completed, ceasing on 22nd July, 2021 (the day before the IChO begins).

CONGRATULATIONS to all participants!!!



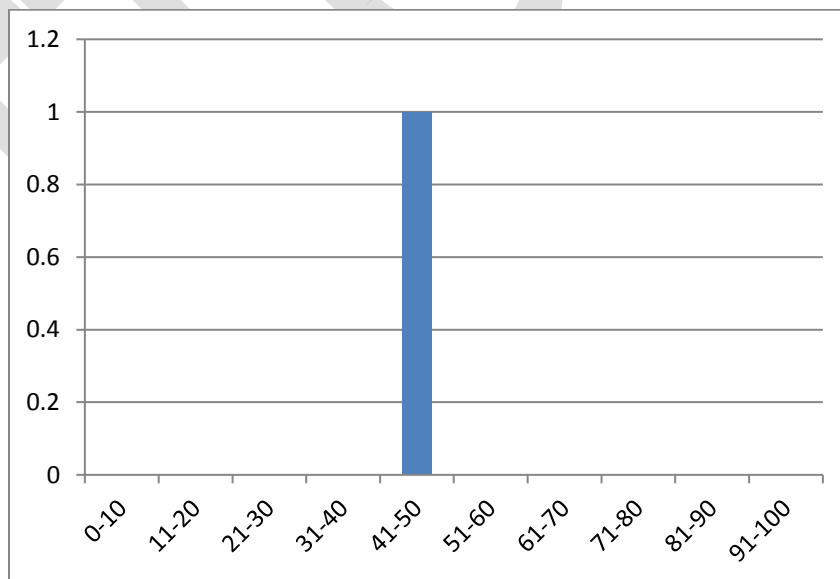
Overall Results Level A

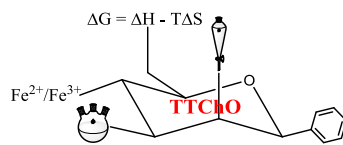
Form 2:

Raul Seepersad 43 Presentation College, Chaguanas 1st

Mean for Form 2 SD for Form 2

43.00





Trinidad and Tobago Chemistry Olympiad

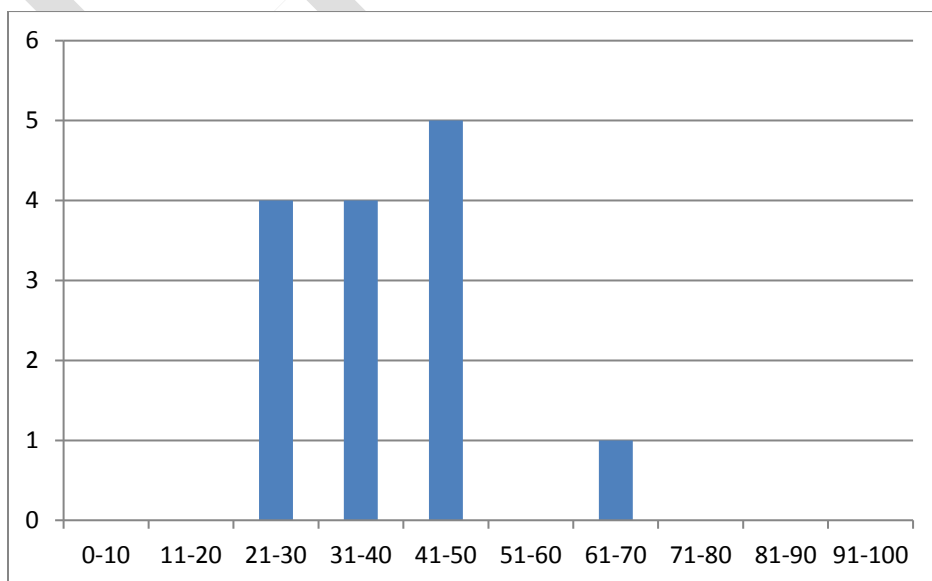
Form 3:

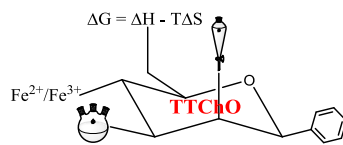
Marcus	Ellis	67	Queen's Royal College	1st
Jessica	Lall	47	ASJA Girls' College, San Fernando	2nd
Cheikh	Lewis	47	Queen's Royal College	2nd
Alliah	Maharaj	47	ASJA Girls' College, San Fernando	2nd

Mean for Form 3 SD for Form 3

38.55

11.24





Trinidad and Tobago Chemistry Olympiad

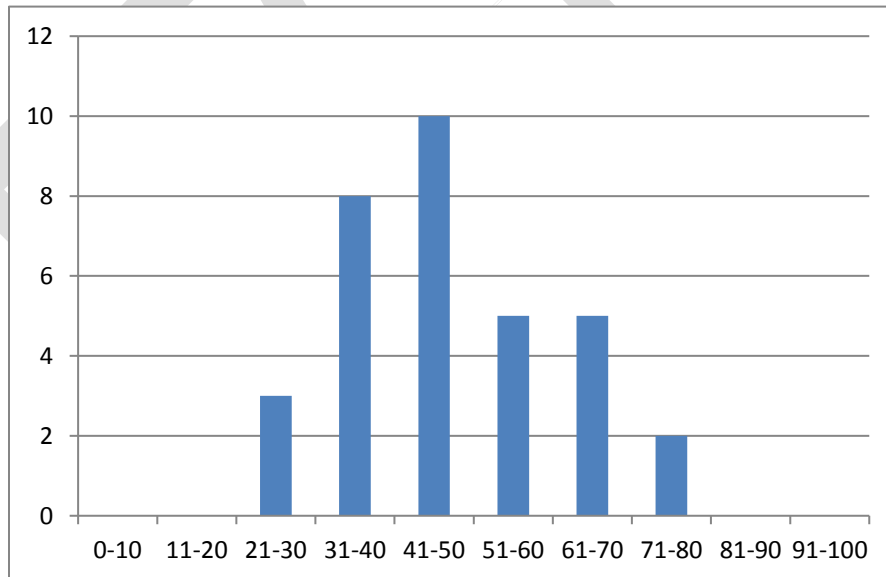
Form 4:

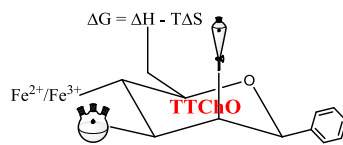
Liam	Pinto	80	Fatima College	1st
Mark	Joseph	73	Fatima College	2nd
Andelle	Balwah	67	Naparima Girls' High School	3rd
Jonah	Boodjarrat	67	Queen's Royal College	3rd
Raphael	Ramesar	67	Fatima College	3rd

Mean for Form 4 SD for Form 4

48.88

13.39





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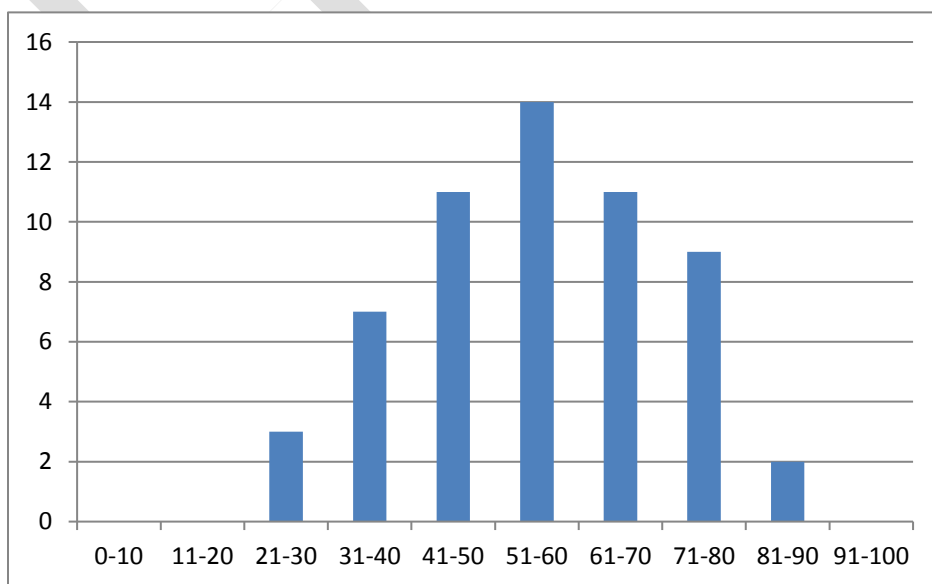
Form 5:

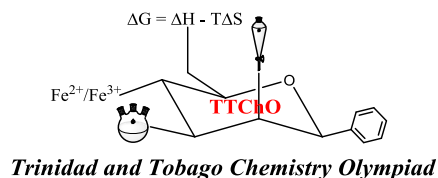
Jaron	Mohammed	83	Couva East Secondary School	1st
Saleem	Salick	83	Presentation College, Chaguanas	1st
Raymond	Liu	80	Presentation College Chaguanas	2nd
Ved	Stanton	80	Naparima College	2nd

Mean for Form 5 SD for Form 5

56.89

15.16



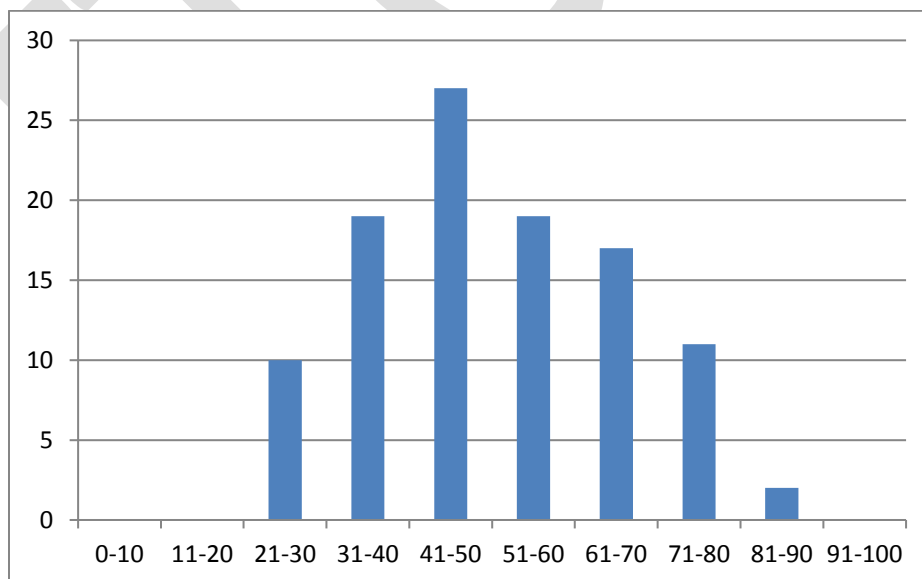


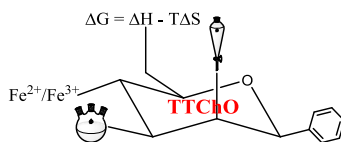
Overall Level A Performance:

Jaron	Mohammed	83	Couva East Secondary School	1st
Saleem	Salick	83	Presentation College, Chaguanas	1st
Liam	Pinto	80	Fatima College	2nd
Raymond	Liu	80	Presentation College Chaguanas	2nd
Ved	Stanton	80	Naparima College	2nd

Mean for Level
A
51.80

SD for
Level A
15.36

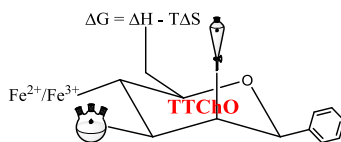




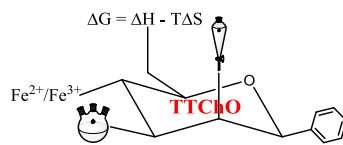
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Students Qualifying for Round 2 Level A

First Name	Last Name	Score (%)	School	Form
Jaron	Mohammed	83	Couva East Secondary School	5
Saleem	Salick	83	Presentation College, Chaguanas	5
Liam	Pinto	80	Fatima College	4
Raymond	Liu	80	Presentation College Chaguanas	5
Ved	Stanton	80	Naparima College	5
Fazeel	Ali	77	Presentation College Chaguanas	5
Lara	Maharaj	77	St. Joseph's Convent, San Fernando	5
Sierra	Ramlakhan	77	St. Joseph's Convent, San Fernando	5
Olusanya	Todd	77	Queen's Royal College	5
Mark	Joseph	73	Fatima College	4
Jaden	Caesar	73	Queen's Royal College	5
Ravita	Dwarika	73	Naparima Girls' High School	5
Kyle	West	73	Fatima College	5
Shastri	Bachu	70	Vishnu Boys' Hindu College	5
Jervon	Grant	70	Queen's Royal College	5
Kaveer	Lucky	70	Vishnu Boys' Hindu College	5
Katrina	Mendoza	70	St. Joseph's Convent, San Fernando	5
Marcus	Ellis	67	Queen's Royal College	3
Andelle	Balwah	67	Naparima Girls' High School	4
Jonah	Boodjarrat	67	Queen's Royal College	4
Raphael	Ramesar	67	Fatima College	4
Zaakir	Ali	67	Presentation College Chaguanas	5
Mikel	Maharaj	67	Vishnu Boys' Hindu College	5
Shivaan	Rambally	67	Vishnu Boys' Hindu College	5
Vaishnavi	Seepersad	67	St. Joseph's Convent, San Fernando	5



<i>Trinidad and Tobago Chemistry Olympiad</i>				
First Name	Last Name	Score (%)	School	Form
Michael Edmund	Aboud	63	Fatima College	4
Lamya	John	63	Bishop Anstey High School, Port of Spain	4
Adalia	Boodoosingh	63	St. Joseph's Convent, San Fernando	5
Andrianna	Hudlin	63	St. Joseph's Convent, San Fernando	5
Ashvin	Ramgoolam	63	Naparima College	5
Neha	Dookran	60	Couva East Secondary School	4
Anya	Bhagan	60	St. Joseph's Convent, San Fernando	5
Darrion	Bruce	60	Vishnu Boys' Hindu College	5
Satinda	Rajbansie	60	Vishnu Boys' Hindu College	5
Cianna	Riley	60	Bishop Anstey High School, Port of Spain	5
Imani	Zakuri	60	Bishop Anstey High School, Port of Spain	5
Lexi	Balchan	57	Naparima Girls' High School	4
Anuka	Mahabirsingh	57	St. Joseph's Convent, San Fernando	4
Suraya	Ali	57	Bishop Anstey High School, Port of Spain	5
Jayon	Caesar	57	Queen's Royal College	5
Yashpal	Maharaj	57	Vishnu Boys' Hindu College	5
Kedafah	Showers	57	Waterloo Secondary School	5
Catalina	Boodoosingh	53	Naparima Girls' High School	4
Hayley	Rambharose	53	Naparima Girls' High School	4
Aliyah	Ali	53	St. Joseph's Convent, San Fernando	5
Amber	Daniel	53	Scarborough Secondary School, Tobago	5
Devani	Jagdeo	53	St. Joseph's Convent, San Fernando	5
Liberty	Riley	53	St. Joseph's Convent, San Fernando	5
Hayley	Silochan	53	Naparima Girls' High School	5



Trinidad and Tobago Chemistry Olympiad

Overall Results Level B

Lower 6:

Daniel	Xavier	67	Fatima College	1st
Adam	Bartholomew	60	Fatima College	2nd
Antonio	Madoo	60	Couva East Secondary School	2nd

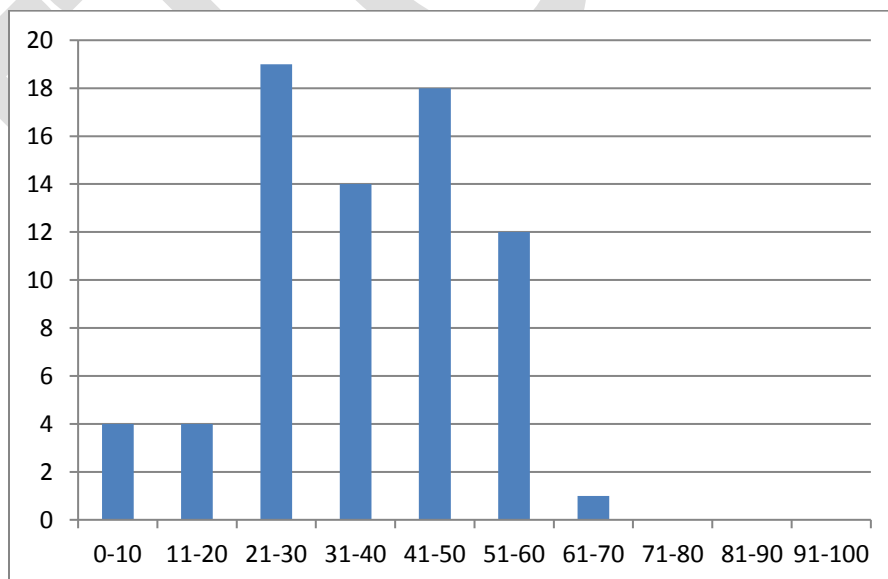
Mean for Lower

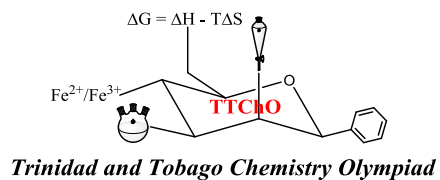
6

SD for Lower 6

37.31

13.44





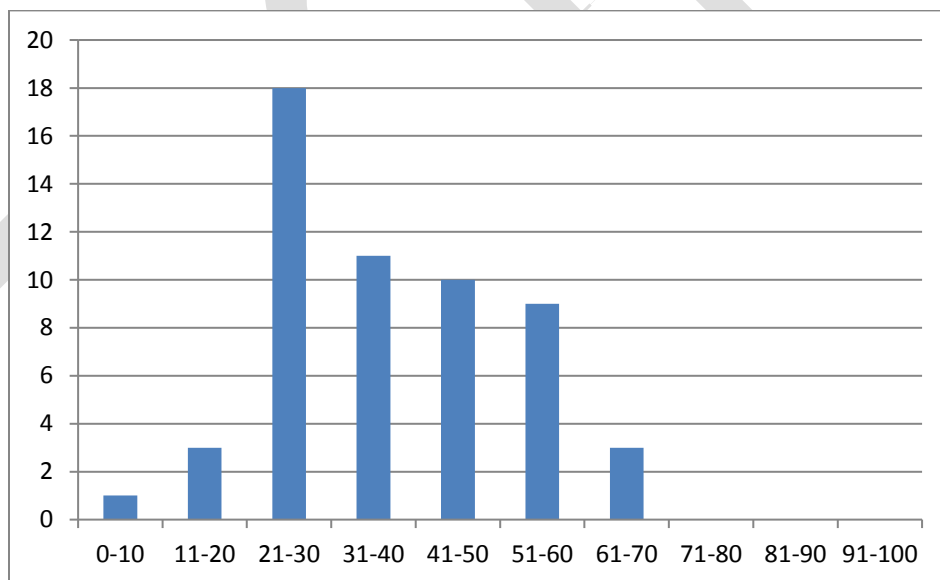
Upper 6:

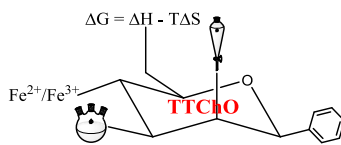
Justice	Thomson	67	Queen's Royal College	1st
Niall	Hosein	63	Naparima College	2nd
Varenyam	Maharaj	63	Naparima College	2nd

Mean for Upper 6 SD for Upper 6

38.48

13.50





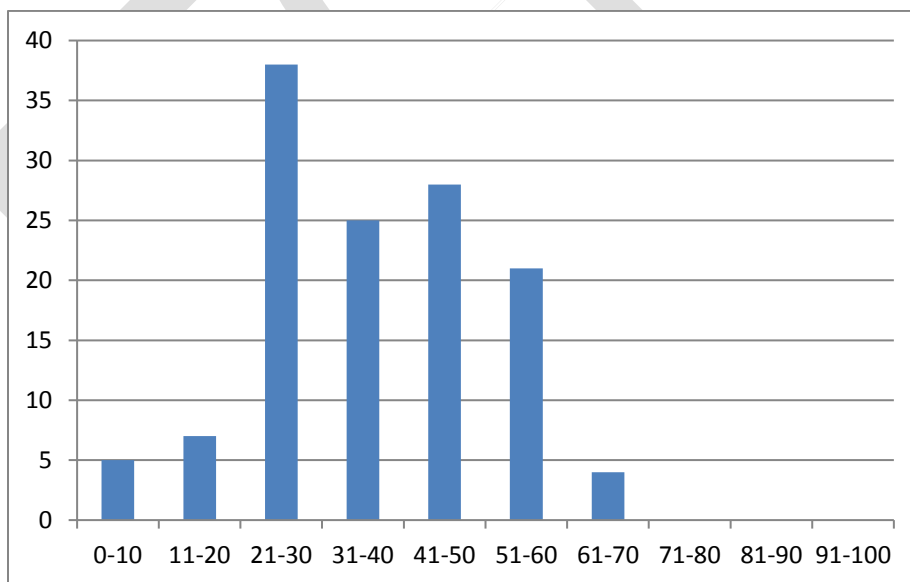
Trinidad and Tobago Chemistry Olympiad

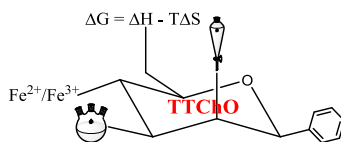
Overall Level B Performance:

Daniel	Xavier	67	Fatima College	1st
Justice	Thomson	67	Queen's Royal College	1st
Niall	Hosein	63	Naparima College	2nd
Varenyam	Maharaj	63	Naparima College	2nd

Mean for Level B
37.76

SD for Level B
13.39

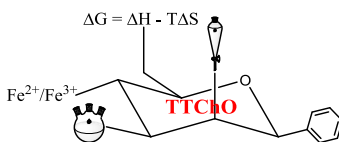




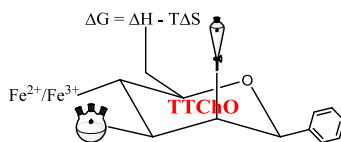
Trinidad and Tobago Chemistry Olympiad

Students Qualifying for Round 2 Level B

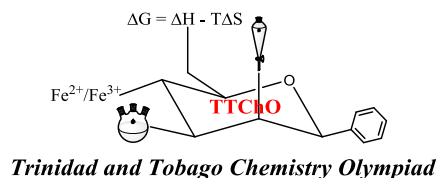
First Name	Last Name	Score (%)	School	Form
Daniel	Xavier	67	Fatima College	Lower 6
Justice	Thomson	67	Queen's Royal College	Upper 6
Niall	Hosein	63	Naparima College	Upper 6
Varenyam	Maharaj	63	Naparima College	Upper 6
Adam	Bartholomew	60	Fatima College	Lower 6
Antonio	Madoo	60	Couva East Secondary School	Lower 6
Meaghan	Ramlakhan	60	St. Joseph's Convent, San Fernando	Upper 6
Jonah	Hinkson	57	Queen's Royal College	Lower 6
Daylan	Maharaj	57	Naparima College	Lower 6
Jaasiel	Edwards	57	Naparima College	Upper 6
Chad	Hosein	57	Presentation College, Chaguanas	Upper 6
Vidal	Ramdass	57	SWAHA Hindu College	Upper 6
Aiden	Ramgoolam	57	Naparima College	Upper 6
Vishan	Ramoutar	57	Presentation College, Chaguanas	Upper 6
Samara	Beharry	53	Naparima Girls' High School	Lower 6
Sanyu	Dass	53	Naparima College	Lower 6
Kayla	Dookie	53	Naparima Girls' High School	Lower 6
Zakareeyah	Hosein	53	Couva East Secondary School	Lower 6
Xavier	Jackson	53	Fatima College	Lower 6
Taahirah	Khan	53	Naparima Girls' High School	Lower 6
Kelci	Mahase	53	Naparima Girls' High School	Lower 6
Nikhil	Prabhakar	53	Naparima College	Lower 6
Charissa	David	53	St. Joseph's Convent, San Fernando	Upper 6
Sarah	Mohan	53	ASJA Girls' College, San Fernando	Upper 6
Dayanand	Moonoo	53	Presentation College, Chaguanas	Upper 6



<i>Trinidad and Tobago Chemistry Olympiad</i>				
First Name	Last Name	Score (%)	School	Form
Tyler	Balraj	50	Naparima College	Lower 6
Sakshi	Kushwaha	50	Naparima Girls' High School	Lower 6
Andrea	Maraj	50	Naparima Girls' High School	Lower 6
Jaedon	Raphael	50	Fatima College	Lower 6
Priya	Sookram	50	St. Joseph's Convent, San Fernando	Lower 6
Mohith	Koondaveeti	50	Naparima College	Upper 6
Allison	Lee	50	ASJA Girls' College, San Fernando	Upper 6
Jerome	Mohammed	50	St. Benedict's College	Upper 6
Kareena	Deokaran	47	St. Joseph's Convent, San Fernando	Lower 6
David	Gobin	47	St. Benedict's College	Lower 6
Ethan	Hamel-Smith	47	Fatima College	Lower 6
Adesh	Nanan	47	Naparima College	Lower 6
Anthony	Prayag	47	Fatima College	Lower 6
Declan	Newton	47	Bishop Anstey / Trinity College East 6th Form School	Upper 6
Jacklyn	Singh	47	Naparima Girls' High School	Upper 6
Le-An	Telesford	47	Naparima Girls' High School	Upper 6
Annika	Brijlal	43	Naparima Girls' High School	Lower 6
Aviean	Gosine	43	ASJA Girls' College, San Fernando	Lower 6
Zale	Mahabir	43	Fatima College	Lower 6
Aisha	Mohammed	43	ASJA Girls' College, San Fernando	Lower 6
Amelia	Mohammed	43	ASJA Girls' College, San Fernando	Lower 6
Shayne	Ramdath	43	Naparima College	Lower 6
Arianna	Ramine	43	ASJA Girls' College, San Fernando	Lower 6
Anusha	Saha	43	Naparima Girls' High School	Lower 6
Karena	Dindial	43	St. Joseph's Convent, San Fernando	Upper 6
Vikash	Rivers	43	Fatima College	Upper 6
Kevon	Ryan	43	Queen's Royal College	Upper 6



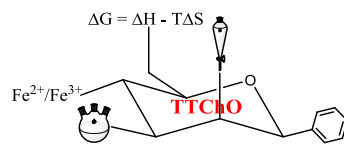
<i>Trinidad and Tobago Chemistry Olympiad</i>				
First Name	Last Name	Score (%)	School	Form
Justin	Seetaram	43	Couva East Secondary School	Upper 6
Selisha	Ali	40	ASJA Girls' College, San Fernando	Lower 6
Anura	Kamal	40	ASJA Girls' College, San Fernando	Lower 6
Darrius	Kurjah	40	Naparima College	Lower 6
Preeti	Pundit	40	Naparima Girls' High School	Lower 6
Kade	De Gannes	40	Naparima Girls' High School	Upper 6
Zion	Morancie	40	Queen's Royal College	Upper 6
Mikhel	Tudor	40	Queen's Royal College	Upper 6
Sebastien	Ghent	37	Fatima College	Lower 6
Andre	Nansingh	37	Naparima College	Lower 6
Alexandria	Douglas	37	Bishop Anstey / Trinity College East 6th Form School	Upper 6
Ishana	Sookoor	37	ASJA Girls' College, San Fernando	Upper 6
Jenna	Mootoo	36	ASJA Girls' College, San Fernando	Upper 6



The following students are welcomed and required to participate in Round 2 2020-2021 provided they are:

- T&T Citizens
- Under 20 years of age as of 1st July, 2021
- Not in tertiary education

	NAME	SCHOOL
1	Dipak Anthony Balladin	Naparima College
2	Abel Timothy Samaroo	Naparima College
3	Reece Indarjit Singh	Naparima College
4	Joseph Noah Harding	Naparima College
5	Saiel G. Neebar	Naparima Girls' High School
6	Sandhya Sookhoo	Naparima Girls' High School
7	Lyshel Joseph	Naparima Girls' High School
8	Adhira Sahadeo	Naparima Girls' High School
9	Alayna Ragbar	Naparima Girls' High School
10	Prithivi Devi Dharamdass	Pre-Science N1
11	Vineeta Grace Bujhawan	St Augustine Girls' High School
12	Sneha Malepati	St Augustine Girls' High School
13	Xavier Joseph	Presentation College Chaguanas
14	Haris Marc Imamshah	Presentation College Chaguanas
15	Dayanand Moonoo	Presentation College Chaguanas
16	Christin-Lee Maharaj	St Joseph's Convent Port of Spain
17	Jesse Dookie	St Joseph's Convent Port of Spain
18	Luc O'Young	Fatima College
19	Anjali Kisseur	St Joseph's Convent San Fernando
20	Michelle Lin	St Joseph's Convent San Fernando



Trinidad and Tobago Chemistry Olympiad

TTChO