TALHAH PATELIA
PORTFOLIO OF ACHIEVEMENTS

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Facebook:

https://www.facebook.com/talhah.patelia.5

Instagram:

https://www.instagram.com/talhahpatelia/

LinkedIn:

https://www.linkedin.com/in/talhah-patelia-77250a196/

twitter:

https://twitter.com/tpatelia

YouTube:

https://www.youtube.com/@talhahpatelia6134

Achievement	1st position VUT (Vaal University of Technology)/ AMS (Association of Muslim Schools) Science Fair
Date	05 May 2018
Description	3D printed a quadruped and coded it to walk.
Reference	https://www.instagram.com/p/CB1DrUypXqT/?igshid=YmMyMTA2M2Y=

Achievement	Grade 8 Class Leader
Date	January to December 2018
Description	Assisted to manage behaviour of the class. Assist teachers with classroom matters and administration. Assist students with any needs.

Achievement	Visual Arts and Drama Award Gr.8
Date	05 December 2018
Description	This award is granted to the student who shows the most talent and promise in the subject of Visual Arts and Drama.

Achievement	Deadliest Debater Gr.8
Date	05 December 2018
Description	This award is granted to the best debater in Gr.8.

Achievement	Good Fellowship Award Gr.8
Date	05 December 2018
Description	This award is granted to the student who shows care and concern for his students as well as the teachers.

Achievement	Gold Award Eskom Expo Science Fair
Date	20 July 2019
Description:	Designed, Developed, 3D printed and coded a working robot.
Reference	https://www.google.com/imgres?imgurl=https%3A%2F%2Fpbs.twimg.com%2Fmedia%2FEtXAn7iXYAA5FAO.jpg&imgrefurl=https%3A%2F%2Ftwitter.com%2Fhashtag%2Ftisf2021&tbnid=S5OjOWz_GJedwM&vet=12ahUKEwjY6LvF-NP8AhXVXKQEHUHtAtMQMygOegQIARBU..i&docid=jzal3KHsZ8zAyM&w=808&h=1013&itg=1&q=talhah%20patelia&hl=en&ved=2ahUKEwjY6LvF-NP8AhXVXKQEHUHtAtMQMygOegQIARBU

Achievement	1st Position VUT (Vaal University of Technology)/ CII (Channel Islam International Science Fair
Date	27 July 2019
Description	Description: Designed, Developed, 3D printed and coded a working robot.
Reference	https://www.instagram.com/p/CDbUBfJpxD8/?igshid=YmMyMTA2M2Y=

Achievement	1st Position Grottobot Category, Gauteng North Science Fair
Date	17 August 2019
Description:	Designed, Developed, 3D printed and coded a robot that would be able to traverse a cave.
Reference	https://www.instagram.com/p/CD_dOEipG3_/?igshid=YmMyMTA2M2Y=

talhahpatelia
University of Pretoria

talhahpatelia Throwback: 2019 North Gauteng Science Fair
1st position Grottobot
2nd position overall of 527 participants
1st position 3D printing competition
Gold award
Selected for Nationals SAYESS
#sciencefair #sciencefairproject #sciencefair2019 #robotics #engineering #3dprinting #universityofpretoria #saabgrintektechnologies #TT3samsung #imbewusciencefoundation

View Insights   Boost Post

Liked by **muhammad_3110** and 74 others

AUGUST 17, 2020

Add a comment...   Post

Achievement	Gold Award Gauteng North Science Fair
Date	17 August 2019
Description	Designed, Developed, 3D printed and coded a robot that would be able to traverse a cave. See URL for pictures of the robot and the win.
Reference	https://www.instagram.com/p/CD_dOEipG3_/?igshid=YmMyMTA2M2Y=

talhahpatelia
University of Pretoria

talhahpatelia Throwback: 2019 North Gauteng Science Fair
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#sciencefair #sciencefairproject #sciencefair2019 #robotics #engineering #3dprinting #universityofpretoria #saabgrintektechnologies #TT3samsung #imbewusciencefoundation

View Insights   Boost Post

Liked by muhammad_3110 and 74 others

AUGUST 17, 2020

Add a comment...   Post

Achievement	Overall Second-Best Project Gauteng North Science Fair of 527 participants
Achieved:	17 August 2019
Description:	Designed, Developed, 3D printed and coded a robot that would be able to traverse a cave.
Reference	https://www.sciencexpo.org.za/event/ng/news/65.html

≡ North Gauteng Senior Science Fair 2019   🏠

🏠 SA Science Fairs > North Gauteng Senior > News > North Gauteng Senior Science Fair 2019

North Gauteng Science Fair is the oldest science fair in South Africa, celebrating its 40th annual event in 2019. 527 learners participated in 8 different events this year, with 115 being awarded gold medals. The following learners took the top 3 places:

3rd place: Jan-Willem Verhoef
2nd place: Tallah Patelia
Overall Winner: Anika de Klerk

It is exciting to see the increase in the number of regional science fairs being held in Gauteng each year. In 2014, there were only four science fairs in Gauteng. Since then, four additional science fairs have started, giving more opportunities to junior learners as well as learners from previously disadvantaged communities. Gauteng currently has more regional science fairs than any other province in South Africa.

North Gauteng Science Fair has also expanded its offerings since 2014, to include eight different sub-events. This has allowed it to remain the leading Science Fair in South Africa, including robotics, programming, scientific art, bridge-building, and other activities. Some of the highlights from the past few years are:

2015: North Gauteng Junior Science Fair was started for learners in grades 1-6.
2016: Junior and Senior Robothons, and the GrottoBot Challenge were introduced.
2017: Environmental Challenge and IT/Programming Challenge were introduced.
2019: Bridge Building and Maths/Stats Challenge were introduced.

Many thanks to our main sponsors, without which this event would not have been possible:

- University of Pretoria, who sponsored the venue for this event
- TT3 Repairs, who sponsored many of the prizes;
- SAAB, who sponsored some of the prizes.

Achievement	1st Position 3D Printing Competition North Gauteng Science Fair
Date	17 August 2019
Description:	Competition within the north Gauteng Science Fair where participants inputted programmed the computer to send commands to the 3D printer to print an object. The competition was judged on speed and accuracy.

Achievement	Rising Star Award TADHack Global Hackerthon
Date	13 October 2019
Description	TAD Hack is a global hackerthon run in conjunction with MTN and Geekulcha in South Africa. Tadhack is a 72-hour hackerthon, where developers, IT professionals, students etc. develop an or computer science solution to a specific problem.
References	https://www.instagram.com/p/B6yGoNyAUeJ/?igshid=YmMyMTA2M2Y= https://www.instagram.com/p/CArpEsyJLjf/?igshid=YmMyMTA2M2Y=

Achievement	Gold Award SAYESS (South African Youth Engineering and Science Symposium)
Date	29 November 2019
Description	Designed, 3D printed, coded, attached the electrical, electronic and mechanical components of a Robot (Scietmeer). Scietmeer is a mobile science laboratory to be used in Search & Rescue, Architecture, Archeology and Farming. Scietmeer was chosen as one of 20 projects from SA, Namibia, Zambia and Zimbabwe to represent South Africa internationally at IFEST Tunisia (International Festival of Engineering, Science and technology) in March 2020.
Reference	https://www.google.com/search?q=talhah+patelia+youtube&bih=821&biw=1440&rlz=1C5CHFA_enZA956ZA958&hl=en&sxsrf=AJOqlzWj2KglxCd14CG2pzuyN8TAS004Ag%3A1674142106988&ei=mmHJY5f3O4eigQbS3grYAw&ved=0ahUKEwiXrNys-dP8AhUHUcAKHVKvCjsQ4dUDCA8&uact=5&oq=talhah+patelia+youtube&gs_lcp=Cgxnd3Mtd2l6LXNlcnAQAQAzIHCCEQoAEQCjIHCCEQoAEQCjoKCAAQgAQQsAMQDToJCAAQHhCwAxANOgcIABAeELADOgslABAFEB4QsAMQDToHCAAQgAQQQDToGCAAQHhANOgYIABAWEB46CAgAEAUQHhANOgUIABCiBDoFCCEQoAFKBAhBGAFKBAhGGABQ3wZYkBhghhtoAXAAeACAAYgDiAHmEpIBBTItNS4zmAEAoAEByAEKwAEB&sclient=gws-wiz-serp#fpstate=ive&vld=cid:8448af21,vid:lJBu75KZjgo
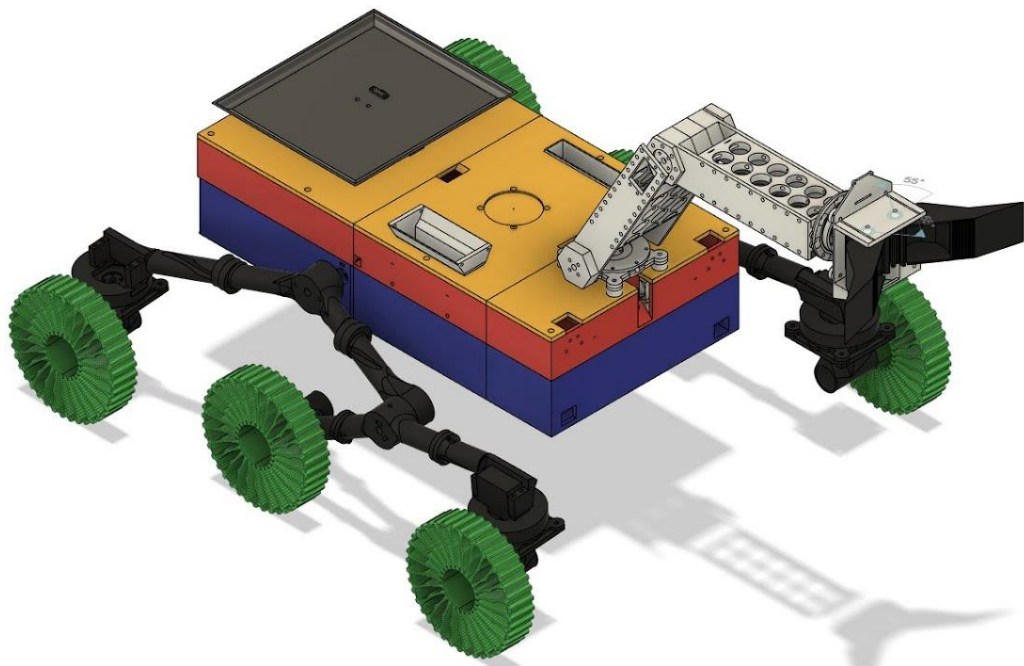
Achievement	Principal's Award APAX (Auckland Park Academy of Excellence)
Date	27 November 2019
Description	This award was for bringing Honour to the School in 2019.

Achievement	Top Achiever Mathematics Grade 9 (Auckland Park Academy of Excellence)
Date	27 November 2019
Description:	This award is granted to the top achiever in Mathematics in Gr.9.

Achievement	Outstanding Speaker Gr.9
Date	27 November 2019
Description	This award was awarded for being the most outstanding speaker in Gr9.

Achievement	Growth to Greatness Award Gr.9
Date	27 November 2019
Description	The award was awarded to the student whose achievements for the year surpassed all expectations. My academic achievements as well as my co-curricular achievements were both exceptional.

Achievement	School Prefect APAX (Auckland Park Academy of Excellence)
Date	2019
Description:	School prefect 2019 Gr.9

Achievement	Silver Award IFEST Tunisia (International Festival of Engineering Science and Technology) My project was chosen as one of the top 150 engineering projects worldwide.
Date	17 March 2020
Description	Designed, 3D printed, coded, attached the electrical, electronic and mechanical components of a Robot (Scietmeer). Scietmeer is a mobile science laboratory to be used in Search & Rescue, Architecture, Archeology and Farming. Scietmeer was chosen as one of 20 projects from SA, Namibia, Zambia and Zimbabwe to represent South Africa internationally. Scietmeer represented South Africa at IFEST Tunisia (International Festival of Engineering, Science and technology) in March 2020.
Reference	https://www.instagram.com/p/CEpBTITjXjm/?igshid=YmMyMTA2M2Y=

Achievement	Gold Award Eskom Expo Science Fair
Date	10 August 2020
Description	Designed, 3D printed, coded, attached the electrical, electronic and mechanical components of a Robot (Scietmeer). Scietmeer is a mobile science laboratory to be used in Search & Rescue, Architecture, Archeology and Farming. Agribot was chosen to represent South Africa internationally. At the Taiwan International Science Fair in 2021.
Reference	https://m.youtube.com/watch?v=YrgVNIE9krY&fbclid=IwAR3r0nwIDDb-x_mGx_H5coacKelyV-Znt-Fw3RnleV_9sCWtNLP7KR2d7xA

Achievement	TADHack Internship Winner
Date	11 October 2020
Description	I was awarded a year-long internship with the Software development company Contactable. When the company CEO, Shawn, saw my App, my coding skills and my age (15), he was so impressed that he contacted me to have a chat and understand my passion for Computer Science. During the prize giving I was surprised to learn that I was awarded an Internship with Contactable. This gave me access to a mentor as well as the opportunity to work on identification software for the company. I learnt a lot and developed tremendously through the internship.
References	https://www.instagram.com/tv/CTy8WtwD82M/?igshid=YmMyMTA2M2Y= https://www.instagram.com/p/CGNVsFPpdKp/?igshid=YmMyMTA2M2Y= https://www.instagram.com/p/CGSnZRTpkK-/?igshid=YmMyMTA2M2Y=

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geekulcha Hackathon and opportunities. Learn to grab them

@talhahpatelia received an internship from Contactable through taking part in the TADHackZA Hackathon

Listen to his story and overall Hackathon experience

To take part in this years edition of

372 views

SEPTEMBER 14, 2021

Add a comment...   Post

TADHack JHB winning app rewards locals for exploring SA

By Lebone Mano

Johannesburg, 13 Oct 2020

Achievement	Full colors for Community Service (200+ hours) Reddam House Bedfordview
Date	8 December 2020
Description	During lockdown I 3D printed over 1000 face shields that were distributed to medical professionals through the Salaam Foundation.
References	https://www.instagram.com/p/B_jrzecn9gf/?igshid=YmMyMTA2M2Y= https://www.facebook.com/salaamedia/videos/545001279755208/ https://www.facebook.com/salaamedia/videos/622798158577005 https://www.instagram.com/p/B_RrtBrpJ9p/?igshid=YmMyMTA2M2Y= https://www.instagram.com/p/CAwn0b8JHUC/?igshid=YmMyMTA2M2Y=
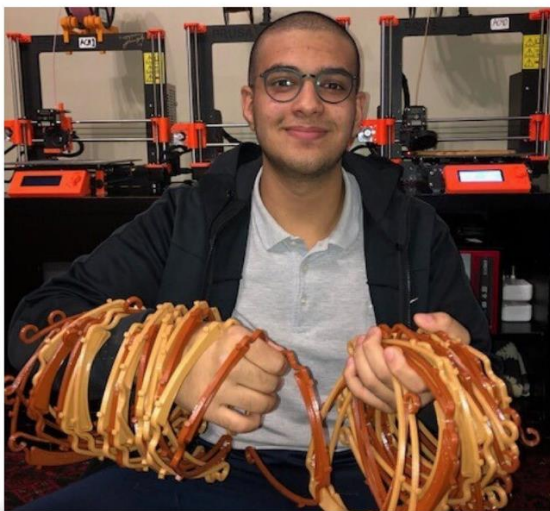
VIRTUAL VOLUNTEERING
1000
FACE SHEILDS

communityhours • Follow

communityhours Talhah from @reddam_bedfordview has made over 1000 – ONE THOUSAND – Face Shields for medical personnel. This is nothing short of a HERCULEAN effort and should be celebrated in every possible way!!! Talhah we salute you on so many levels and look forward to what your bright future holds!! Thank you is not enough!! Absolute volunteering ROCKSTAR 💥

142 w

adelab12 Talhah @my3dprint

142 w   Reply

Liked by mediateworks and 12 others

APRIL 29, 2020

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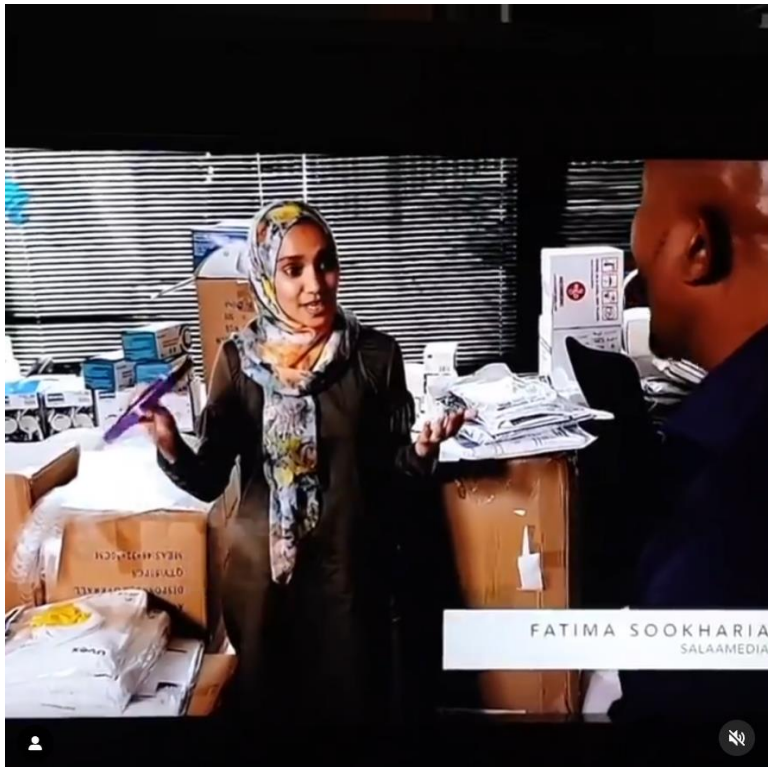#COVIDsoldiers . Talhah Patelia talks about his 3D masks and how he is playing ...   Recorded live
Salaamedia

in flattening the curve.

15:32 / 16:07

Azhar Vadi talks to Talha Patelia who is creating 3D-printed medical face masks i...   Recorded live
Salaamedia

LIVE

The Alternative View
With Inayet Wadee

0:06 / 9:36

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FRESH APPROACH TO LOCAL NEWS

Talhah Is A Game-Changer

Talhah is a game-changer

Talhah Patelia, a Grade 10 student at Reddam House, Bedfordview, in his commitment to log community hours,

Achievement	Academic Awards Gr.10 Reddam House Bedfordview
Date	8 December 2020
Description:	Full colors for Community Service
	Full colors for participation in Competitive Science
	Platinum Award: Design
	Merit Award IT (80%+ through the academic year)
	Merit Award Mathematics (80%+ through the academic year)
	Merit Award Life Orientation (80%+ through the academic year)

Achievement	Silver Award Taiwan International Science Fair
Date	09 February 2021
Description	Designed, 3D printed, coded, attached the electrical, electronic and mechanical components of a Robot, Agribot. Agribot is a mobile science laboratory to be Farming. Sustainability.
Reference	https://www.instagram.com/p/CK8GP7ZD-Uk/?igshid=YmMyMTA2M2Y=

| Achievement	Top 15 Young Geeks South Africa 2021
Date	04 June 2021
Description	Named as one of the Top 15 Young geeks in South Africa 2021. I was the youngest geek named. The geeks are named by IT/Engineering industry heavyweights, as being role players in the digital economy. 2021's edition recognised local talent that is making an impact in their schools, communities and organisations.
Reference	https://www.itweb.co.za/content/GxwQDM1ZRWEqlPVo

Geekulcha names 2021 Top 15 Young Geeks

By SIBAHLE MALINGA, ITWeb senior news journalist.
Johannesburg, 03 Jun 2021

Read time 5min 20sec

IN THIS ARTICLE ⌄   Comments (0)

2021 Top 15 Young Geeks
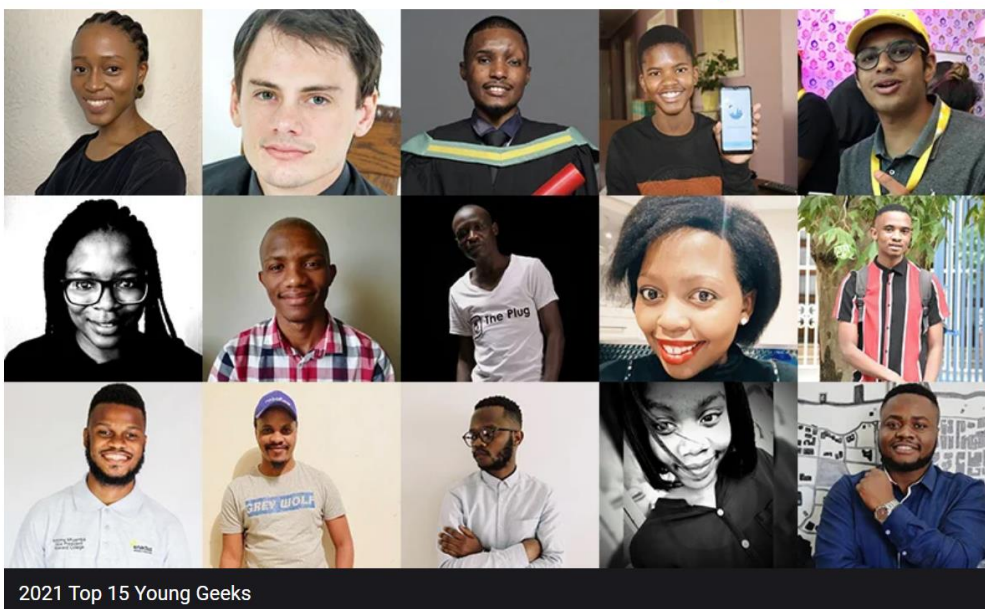
Talhah Patelia: Patelia's vision is to develop other young minds who are interested in technology. The 16-year-old is a self-taught developer who won first position and a gold award at various science fairs in the field of robotics, science and technology.

Achievement	Winner TADHack Hackerthon (Overall South Africa Winner)
Date	29 September 2021
Description	During the 72 hour hackerthon I developed an EdTech App (Maftuha). Maftuha is a single secure application in all aspects of schooling that uses facial recognition (image processing), identification and sentiment analysis. At age 16, I was the youngest person to win a TADHack both in South Africa and globally.
References	https://blog.tadhack.com/2021/10/14/tadhack-south-africa-winner-maftuha/ https://www.youtube.com/watch?v=o-FDX2ji_MU https://www.instagram.com/p/CUtjJApIJTS/?igshid=YmMyMTA2M2Y=

DEVELOPER SPOTLIGHT

TADHack South Africa Winner: Maftuha

⊙ OCTOBER 14, 2021   👤 ALAN QUAYLE   🗨 1 COMMENT

(by Adela Bootha and Talhah Patelia)

#Global #TADHackGlobal2021 #TADHack

Maftuha - Talhah Patelia, Adela Bootha

TADHack Events
544 subscribers

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Reddam House Bedfordview

reddambedfordview Congratulations to Talhah Patelia in Gr11 who was named the overall TADHack South Africa winner, on Sunday 26 September. His App will now compete globally against the Tadhack winners from Orlando, Chicago, UK, Berlin, Colombia and Sri Lanka.
Tadhack is a 72-hour hacking/coding marathon, run in association with MTN and Geekulcha in South Africa. Talhah competed against software engineers and IT students. He is the youngest hacker to have won a Tadhack globally.
Look out for Talhah's Education Technology App on the MTN Ayoba platform.
He won prizes from:

Liked by **rush_komal** and **197 others**

OCTOBER 7, 2021

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Achievement	Academic Awards Gr.11 Reddam House Bedfordview
Date	30 November 2021
Description	Platinum Award: Design Merit Award IT (80%+ through the academic year) Merit Award Design (80%+ through the academic year) Certificate of Excellence Culture Award

Achievement	Deputy Chairperson: Diversity Portfolio Reddam House Bedfordview
Date	January to December 2022
Description	Leadership position in Gr.12 on the school's diversity portfolio.

Title:	Academic Awards Gr.12 Reddam House Bedfordview
Achieved:	30 November 2022
Description:	Platinum Award: Design Merit Award IT (80%+ through the academic year) Merit Award Life Orientation (80%+ through the academic year) Merit Award Mathematics (80%+ through the academic year) Design: 1st in the grade