

Northview Heights S.S.

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Principal's Message

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Dear Parents/Guardians:

We hope that you find this Newsletter informative and enjoyable to read. The articles, student creations and the pictures included are testaments to the many opportunities for growth that Northview Heights Secondary School offers to its students. Please continue to support your sons/daughters and encourage them to take part in those activities, be they sports, clubs, contests, etc.

In keeping with this year's theme of "Stronger . . . Together", we have seen our staff and students pulling together to continue the vast amount of rich and rewarding school and community initiatives that make Northview such a special place. Through events like our annual Terry Fox Run, our HMST Community outreach in support of Eva's Place and our phenomenal Holiday drive, "The Twelve Days of Giving", Northview students and staff have truly shown a strength and cohesion that has been inspiring.

There is no doubt that Northview continues to be a highly regarded Secondary School destination for students right across the GTA. After two very successful "Destination Northview" Grade 8 Parent Information Nights, we once again had almost three hundred students register to write our Honours Math, Science and Technology Specialty Program (HMST) entrance exam on a Saturday morning in December and another few hundred students submitted requests for our annual Optional Attendance Procedure which just recently concluded. Representatives from dozens of industry, Ministry and TDSB partners gathered at Northview to reflect on another amazing semester with our Construction Trades Exploration Cooperative Education Program and to plan next steps as part of the Program's Advisory team!

With our surging student enrolment we were able to welcome a number of new teachers to support our needs in Semester One and once again at the beginning of Semester Two. Some of these new teachers came in on short notice, picked up their new assignments, and have flourished in their new environments.

We continue in our efforts to create a "cashless" school environment and to this end we are asking if **ALL** Northview families take a few minutes out of their busy days to get registered for this service. To register for School Cash Online, please visit <https://tdsb.schoolcashionline.com>, select "Get Started Today" and complete the three registration steps. Once registered, you will receive an email notification when items become available online.

Success has become a term that is synonymous with Northview and it was clearly evident in Semester One; we are looking forward to building on this strong start for Semester Two and beyond. Our school continues to grow and thrive because of the strong partnerships that exist between its students, staff, parents, and the school community.

Included with this newsletter is a copy of your son's/daughter's Semester One report card. Please discuss the report card with him/her and, should you have any questions, please call the school at 416-395-3290.

Sincerely,

Peter Paputis
Principal

Hospitality & Tourism SHSM

What's New in Culinary Arts?

Here in the Hospitality and Tourism Department we are very excited to announce two new courses for the 2017/2018 school year!

Our first new grade 11 course will cater specifically to our growing ESL community, while our second will focus on our Special Needs students. Our department's teaching staff are delighted because this will allow us to better tailor our teaching practices to meet the specific needs of these groups, and make sure everyone is supported, learning, and having fun safely in our classes.

In the ESL course, hands-on group activities will require students to use their conversation and listening skills on a daily basis, while continually developing their vocabulary related to the culinary arts. The special needs course, will develop hands-on skills, communication, literacy and numeracy. Both courses will provide students with skills and memories that will stay with them for a lifetime, as well as an insider view of the career and part-time job opportunities in this growing industry.

Course selection is taking place in February. Consider signing up for one of these special courses for the 2017/2018 school year!



Honours Math, Science and Technology (HMST)



A little gift from HMST to the Community

On Saturday, Dec. 10, grade 10 HMST students assembled care packages filled with personal hygiene products for Eva's Place, and delivered them to homeless youth. Two weeks later, on Dec. 22, they skated with the care package recipients at Mel Lastman Square with endless hot chocolate, and had a blast!



Optics in Action

On Thursday, Nov. 17, 2016, Grade 10 HMST students used their knowledge of light, reflection, and refraction to have some fun at Laser Quest. The first session allowed some students to get used to the controls and the venue, while the second session added an element of surprise with a layer of mist, which refracted the laser rays and meant that they couldn't aim straight ahead.

The day was also filled with team-building activities and a workshop on optics.

The codenames chosen that day were particularly creative, with a handful of students claiming to be the real Mr. Maltby.



Waterloo Intermediate and Senior Math Contests

Congratulations to Amolik S. (graduating HMST student) for receiving the highest score this year at Northview Heights on the Waterloo Senior Math Contest. In second place we have Aiden V., and in third place, we have Daniel M. (another graduating HMST student).

For the Waterloo Intermediate Math Contest, congratulations to our HMST students Janardan S. for scoring the highest this year at Northview Heights, followed by Eknoor S. and Marcus V. in second and third place.

Upcoming Math and Science Contest Dates

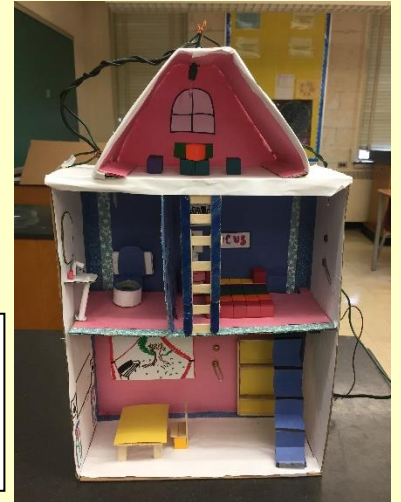
Michael Smith Challenge (Grade 10)
Pascal, Cayley, and Fermat math contests (Grade 9, 10, and 11)

Wednesday, Feb. 15th
Tuesday, Feb. 28th

Science Department

As per usual, the science department has been buzzing with activity this semester. The Grade 9 students completed their electricity projects, wiring up in different configurations their constructed miniature buildings, and the Grade 10 Science students completed their Science fair projects. Their chosen topics included subjects from “Geometric Optics” to “The Effects of Carbon Dioxide on Algae” which related the Biology Unit to the Climate Change Unit.

**Grade 9
Electric
Buildings**

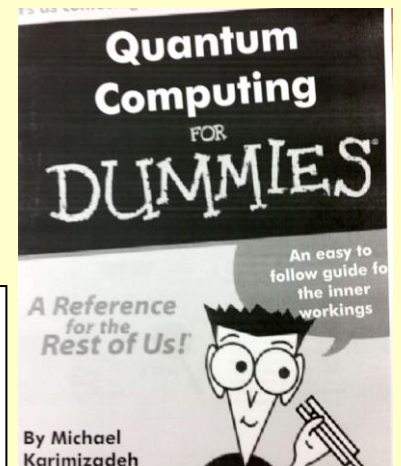


The Grade 11 Physics students completed their culminating projects on building and analyzing the physics behind roller coasters and the Grade 12

**Grade 11
Roller
Coaster**

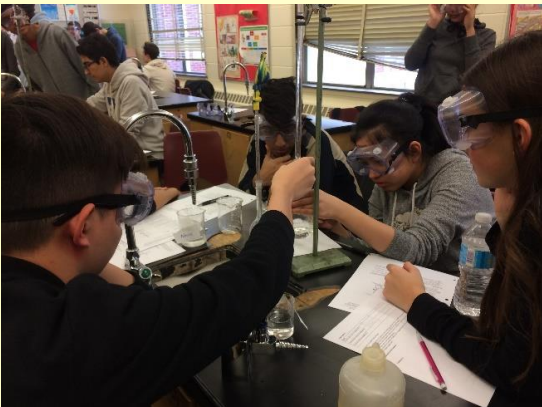


**Grade 12
Physics**



Physics students are currently finishing a creative assignment on Modern Physics which encompasses topics from Quantum computing and cryptography to Relativity.

Second semester is contest season for science. Keep your eyes open and listen to announcements for registration information. Contests are available in Biology, Chemistry, Physics and Grade 10 Science.



At work in the lab

**Rube Goldberg
Machine**





CyberARTS Department

CyberARTS students have been busy either producing artwork or presenting their best work first semester. We can look forward to more creativity blossoming this spring. Some of our students' work will be available for purchase, like an awesome Zentangle Colouring book, along with other unique bookworks. The proceeds will help fundraise for Syrian refugees. Some students were inspired to take action this fall after seeing the film *Sidra*, about a young Syrian refugee girl.



Thank you goes out to those who helped choose Northview's favourite design for our new refillable water bottles. They will be going on sale soon with the help of NEAT, Northview's Environmental Action Team. Congratulations to Sidoney for her winning water inspired design. And thank you to all the students who created designs to raise awareness about waste and water use.

The new semester will see some of our favourite visiting artists in the classroom along with inspiring field trips to experience art and new media. In the studio we've been using iPad apps and will continue to develop these digital painting tools. In the lab we now have Adobe Creative Cloud loaded on all the computers, which is an exciting new resource. This industry standard software allows our students to prepare for future careers and makes it easy for visiting professionals to share their techniques with us.



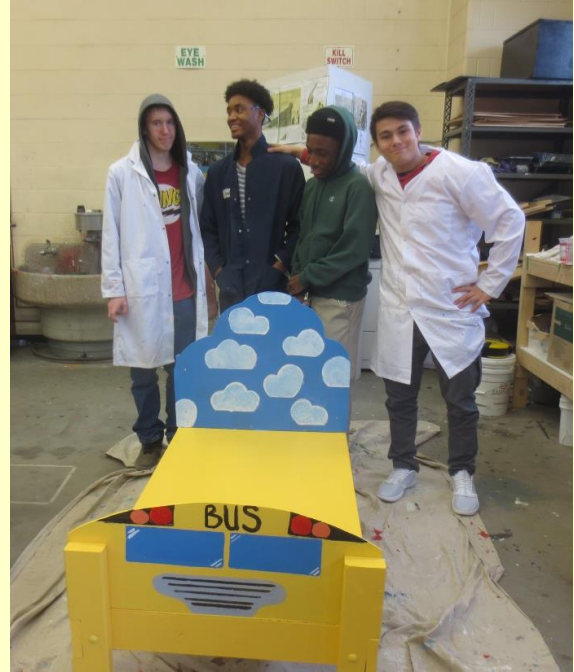
Looking to the future, this year we received many above average applicants to CyberARTS. This strong new cohort will be joining the program in September 2017. What's next?

Tech Department

First Semester was an exciting time for our Communications Technology students as we were able to purchase two drones for the department. Second Semester Senior students will be looking forward to a major cross-curricular short film production. It's looking a lot like Hollywood North here at Northview. Good Luck!



Grade 11 students shooting exterior aerial footage with a preprogrammed drone camera.



Tech Design students designed and built children's beds that will be shipped down to Honduras for villages in need.



Proud Tech Design students with their bed that they are donating to villages in need.



Proud Tech Design students having just finished building and designing a children's bed.

Cooperative Education Department

We would like to WELCOME teachers, Mrs. Brennan and Mr. Oppenheimer. They joined and are working alongside Ms. Fimis and Mr. Moro in the Cooperative Education Department. STRONGER...TOGETHER, we will continue to build a DYNAMIC Experiential Learning program with a wide range of rich and valuable work placements for all students!

This past semester, students from the Cooperative Education Department benefited from having amazing working experiences, including working with: the Canadian Government Defence Department (INFORMATION TECHNOLOGY), Hospital for Sick Children (TRANSPLANT), Humber River Regional (ENDOSCOPY), Sunnybrook (TRAUMA), Bank of Montreal Nesbitt Burns (INVESTMENTS), Veterinary, York University (ENGINEERING), Ontario Science Centre (LABORATORY ASSISTANT), working with teachers in our local elementary schools (EDUCATION) Retail (GARAGE, GAP), Culinary (MOXIES), Dentistry, and Automotive Technician. Second semester is already gearing up with some amazing placements in Film, Banking, Policing, Automotive, Hospital Medicine, and Accelerated OYAP Construction.

Students looking at careers in Construction from Civil Engineering to Trades were engaged in the 4 credit all day CTEP, Construction Trades Exploration Program. Students had an opportunity to work on construction sites. Each student was able to spend one week with every trade including management on the site. Some of the trades included Carpentry, Electrical, Plumbing, Sheetmetal, Drywall, Tiling, Concrete, and Bricklaying. Some of the builders included Tridel, Tucker, Daniels, Menkes, Accel, AspenRidge, Fram, TMG Builders, Buttcon, Mattamy, Skygrid. CTEP Students went on field trips to a number of union training centers such as Local 46 Plumbing, Local 353 Electrical, Local 506 Labourers, Local 183 Construction Craft Worker, Bricklaying, Local 285 Sheetmetal, Hydro One Lineman, and Local 27 Carpentry.

Northview Heights hosted the 12th Annual CTEP Construction Trades Exploration Program advisory meeting in January. Builders, union representatives, construction associations, parents and students attended Northview Heights to provide insight/future direction about the CTEP program. All of the guests were impressed with the CTEP students and Northview Heights.

Here is a testimonial from two of our students:

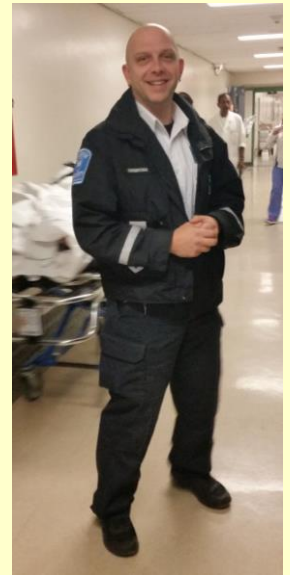
This past semester we had the opportunity of obtaining a co-op placement at York University. We are both SHSM ICT students who are interested in Computer Engineering. We had the pleasure of working with Professor Jenkin of the Faculty of Engineering at York University. Our project for the semester was to develop a prototype 3D visualization tool that would eventually allow emergency services personnel to map out the city digitally. Users will be able to view the best path and possibilities for their vehicles and personnel in order to better coordinate their current efforts and learn from previous ones. Over the course of the semester we learned many programming skills including working with a game engine called Unity, 3D modelling in Sketch Up, and developing for Virtual Reality equipment with the Oculus Rift. This experience has inspired us to use our skills in programming to try and develop a strategy based computer game together over this coming semester. Overall, this was a great experience for the both of us. We had an amazing time and learned a lot of computer skills and job skills. We are very grateful for the co-op program and Professor Jenkins mentorship over the past semester.

-Manny M-A. and Arjun K.

Experiential Learning – GLN

Each month, students in the GLN4O9 course have an opportunity to visit a workplace and explore the values, learning styles and skills needed to pursue a career in a number of different industries. Here, students had the opportunity to SPIN at a community centre and learn about a career in Fitness Management and Training. Cathy Kenopic, General Manager, Prosserman JCC and Wilson Valle Echaverry, SPIN Instructor, give our kinesthetic learners a chance to experience this first hand.

We continued to explore careers in our community and practice essential skills by visiting a Toronto Job Fair and other workplaces, including the Police Station, Baycrest and Sunnybrook Health Science Centre. Students enjoyed face-to-face meetings, listening and talking with employees in security, community and support services, health sciences and management.



We ended the season with a one-of-a-kind field trip to Etobicoke's CJ Skateboard Park and School to inspire and engage our students with different abilities. Jay Mandarin, the owner of the skatepark, philanthropist and motivational speaker also came to our school to speak to all our students about using sport to instill a sense of empowerment. Living with ADHD and dyslexia himself, he talked about the value of self confidence and self-esteem and shared strategies on how to turn life challenges into opportunities.



APGA Department



The Academic Program for Gifted Athletes currently has 64 athletes representing 18 different sport disciplines. A few of our athletes are highlighted below.

Grade 12 Nam N. recently competed in Skate Canada's National competition in Ottawa, Ontario. Nam skated well in both the short and free programs to place him third overall in the Senior Men's category! Congrats Nam!



Grade 12 Vital K. had a very successful soccer season with the Canadian Women's National program. In October, Vital travelled to Jordan with the Canadian National Team to compete in the U17 Women's World Cup of Soccer. After a strong performance, Vital caught the eye of the U20 coach and was asked to join the team in Papua New Guinea during the month of November for the U20 Women's World Cup of Soccer. Vital continues her training and hopes to represent Canada at the upcoming CONCACAF qualifiers.



Grade 10 Dennis G. is currently playing AAA Minor Midget Hockey for the Mississauga Reps in the GTHL. Dennis' team finished second overall in the regular season and they are currently in the playoffs. Dennis was recognized earlier in the season for his outstanding play and was invited to play in the Annual Top Prospects game where he scored the first goal for his team. Dennis is being scouted by several OHL hockey teams. Good luck in the playoffs, Dennis!

Grade 9 Natasha S. recently competed in a U16 National Selection Indoor Tennis competition and finished first! Natasha has a busy indoor season ahead of her before she starts competing in the outdoor circuit.



Arts Department

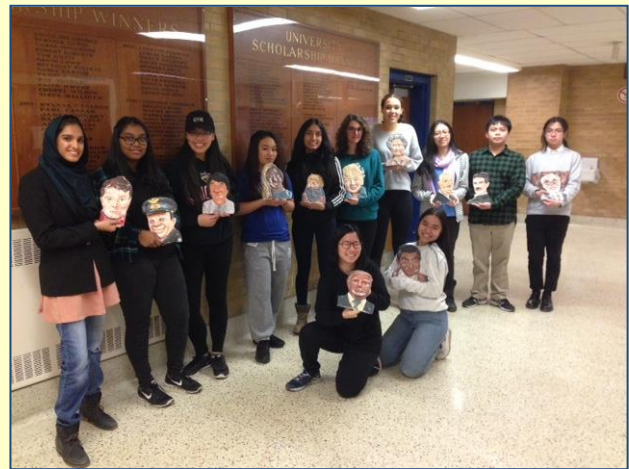
VISUAL ARTS

HERO MEDALLIONS

Mr. Pidsadny's grade 9 visual art class had the opportunity to cast their own double-sided "bronze" medallions. The assignment had the learners examine the role of Heroes, while carrying out the process of designing their models in plastelina through to casting their final piece in "bronze".



"POWER" Ceramics project
Grade 12 students proudly
display their portrait ceramics
sculptures.



"ARTS NIGHT" – Tues, May 9th, 2017, 6pm-9pm

Northview Heights SS, Cafeteria & Auditorium. Tickets: \$3.00

Attention all NHSS staff, students, parents and anyone who loves to be entertained! You're invited to Northview's annual "ARTS NIGHT"; a family-friendly evening full of dance, acting, music and an Art show! + Fun raffles, food and shopping! Come on out and see the amazing talent we have at Northview!!

MUSIC

North Harmonix choir will be performing at Massey Hall as part of the annual TDSB concert: April 6, 2017 at 7:00 p.m. The cost of tickets is \$10 dollars. Please, see Ms. Dvoriadkina for tickets.

Northview Heights S.S.

DRAMA

Grade 9 Drama was full of group work, self-discovery and lots of discovering about drama and theatre. The performance of *Still Falling*, presented by Young People's Theater was a one woman show about the difference between teenage angst and mental illness. Students had the following comments about the show:

"Having the opportunity to see professional theatre always changes in student's perspective about their own choices in class. This was clearly demonstrated when it was time for culminating activities as students explored themes such as greed, betrayal, body image and bullying. These photos illustrate some of the moments they created."

In grade 9 ESL Drama this semester, students had the opportunity to learn about self-exploration, theatrical staging, movement, script writing and choral work. We put on two in-class productions including our "Twisted Fairy Tales" and "Emotions". We invited the Day Care to attend the "Twisted Fairy Tales" production and received great feedback! For "Emotions" the class had to choose various emotions and dive deep into the concepts and ideas behind them. Why do we feel what we do? What happens to us when we go through stressful/happy/sad moments in our lives? Students then made creative collective pieces based on their own exploration of their chosen emotion.



Sears Drama Festival: Friday, Feb. 24th — Come out and cheer on Northview students competing in this year's Sear Drama Festival. Live theatre! See Ms. Johnston for details.

Business Department



Grade 12 Business Students visit the Etobicoke Field Studies Centre to develop leadership skills for team building, communications, problem solving and risk management.

ESL Department

It's been another busy term in the ESL department. This term, ESL A and B students went to the Royal Winter Fair to visit the animals. Over 70 ESL C students went on a field trip to Evergreen Brickworks on Friday, December 16. They enjoyed a variety of outdoor activities, including hiking, skating and shelter building. They also learned about the plants and animals found in the area and planted some Sumac seeds to keep the forest green. ESL D students participated in the LAWS program and learned about human rights, and ESL E students participated in a mock trial with our special guests from LAWS. Looking forward to more adventures in Semester 2!



Evergreen Brickworks staff teaching ESL C students about the plants in the Don Valley.

Online OSSLT Pilot Results

Northview is proud to be one of the TDSB schools that successfully participated in the Online OSSLT in October.

We have now received the results:

We have **100% success rate** for all of the first time writers that wrote the EQAO Online Literacy test! And almost half of our previously eligible have now met their Graduation Literacy requirements.

We would like to Congratulate our students and the team of teachers that worked so hard to prepare and support our students for this pilot. Tremendous thanks goes out to **Ms. Holt, Ms. Farrell, Ms. Johnston, Ms. Murphy and Mr. Wong.**

We continue to be Stronger...Together!!!

English Department

Semester One in English: Exploring Media Skills

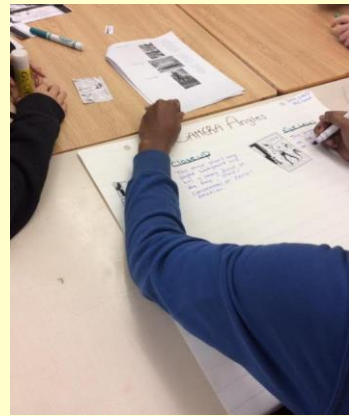
Northview's English Department continues its strong focus on Literacy Skills from Grade 9 to Grade 12. This year, we're expanding our focus to developing stronger **Media Literacy Skills**. In an era of "Fake News", it's important for our students to be able to navigate and evaluate the media that they will interact with for the rest of their lives.

Collaborative Inquiry for Grade 9 and 10 Teachers

As part of Northview's School Improvement Plan and the TDSB's new focus on Collaborative Inquiry, all Grade 9 and 10 English teachers are working on creating a matrix of skills that provide an essential foundation of learning for Grade 9 and 10 students. TDSB Learning Coach, Kari Peters, is facilitating this series of collaborative sessions. Our current focus is on how Media Literacy Skills can improve reading and writing skills.



Grade 9 and 10 teachers work together on a Collaborative Inquiry



Graphic Novels in Grade 9

Graphic Novel book clubs were an excellent way to engage Grade 9 students in reading and analyzing media elements.

PSA Commercials and Video Rants in Grade 10 English

As part of learning how to persuade an audience, Grade 10 English students learned how to create effective Public Service Announcements and ended the course with a chance to write and broadcast a Video Rant on a social issue they want to change.

Grade 11 Podcasts!

Grade 11 University English classes flexed their media muscles by creating podcasts based on their book club novels and corresponding themes. The podcasts connected themes to various media sources, blended music into their musings and explored the affect of literature on readers. Grade 11 teachers were amazed by the quality of the students' work.



TED Talks in Grade 12

It was an inspiring week at the end of the semester, when students in Grade 12 presented an engaging 10 minute TED Talk, on a subject they were passionate about sharing with their classes.

Guidance Department

Student Services:

✓ Student Services has completed a busy and productive first semester. Second semester begins with course selection for students.

✓ February is course selection month. Northview students complete their course selection online through myBlueprint. This leading edge technology will save our school paper, resources and also provide the opportunity for immediate parent engagement. As a parent/guardian, you can visit www.myblueprint.ca/tdsb by selecting your child's secondary school from the dropdown menu on the left and following the instructions for parents.

✓ We have planned a series of sessions to help students through the course selection process and to make appropriate choices for the coming year:

Wednesday, February 8 — Course Selection Assemblies for all grades

Wednesday, February 8 — Course Selection Fair Period 5, for grade 9 classes

Thursday, February 9 — Course Selection Fairs for grades 10 and 11 classes

Wednesday, February 15 — Course Selection Sheet Teacher Signature Day

Friday, February 24 — Course Selection Deadline

Note: Computer Labs will be booked during the lunch hour from February 16-23 to assist students with the on-line course selection process

✓ Our graduating students continue to prepare for post secondary education. They should continue to check their application information on the OUAC and OCAS websites. Students are encouraged to see their guidance counsellor if they have any questions.

The Guidance Department wishes everyone a successful semester 2!

Numeracy Department

INFORMATION FOR ALL GRADE 9 APPLIED STUDENTS

Our provincial standardized math test (EQAO*) is on Tuesday, June 13, 2017. To best prepare our students, we are inviting all Grade 9 students taking Applied Math to attend a mandatory information session on Thursday, March 30 at 10:00 am. This session will provide important details about how to succeed on the test. Snacks will be provided. Students will leave the session with a practice EQAO test which must be submitted on Thursday, April 6. For more information, please visit <http://www.northviewheights.ca/mathematics.html>



*EQAO = Education Quality and Accountability Office