

Newsletter

Computer / Business / Technology  
Mr. K. McDaniel, Curriculum Chair

Congratulations are in order for Mr. Oliver, Guidance, Mr. Joly and the entire St. Stephens Pathways team for setting up and getting approval for the school's first **Specialist High Skills Major**. The SHSM is in Manufacturing and will include specialized training in welding, conventional mills, CNC mills and opportunity for working with Durham College's Skills Trades center. We need to thank Norm Fenton, Dean at DC's Trades Center, and CNC professor, Colin Cunningham, for providing on-site training to our students in CNC milling. Stay tuned for more news on the SHSM in Manufacturing.



Mr. Paige has the CNC router in full motion at the St. Stephen's Construction shop! A CNC router works a lot like a printer. Only instead of putting ink to paper Royals students are carving three dimensional designs into materials such as wood. You do the design and the CNC router takes care of the rest, but we won't tell anyone else that, will we... It's a St. Stephen's secret!

Child Development and Gerontology students received Emergency First Aid/CPR/AED certification training this semester when they participated in an intensive one day course. After a morning of instruction in our library, students were treated to a pizza lunch and then practiced their skills in the afternoon. Students

In December, our class delivered a Christmas program at Marnwood Life Care retirement residence and long-term care facility. Students were partnered with a resident and worked together to complete colourful crafts and decorate gingerbread houses. Students performed Christmas carols in the dining hall much to the delight of the residents and staff. The day was filled with warm conversation and laughter!

**St. Stephen's will be opening its doors to a new Hairstyling & Aesthetics program next semester. Our students will be introduced to an array of possibilities with the addition of such a course which will incorporate not only hands on skills, but many creative and exciting projects. Students will have the opportunity to take part in learning all aspects of the Hairstyling and Aesthetics industry including nail and skin care. Ms. Tassielli looks forward to launching our new course and bringing forth a new element of teaching.**



The Business Department, Mr. Davis and Mr. Mann, are looking forward to partnership with Fleming College to support accounting students and The Dragon's Den wants to work with our Entrepreneurship Studies classes.

Communications Technology students continue to explore workflows to facilitate a narrow TV broadcast in the school using digital signage software, Sedna Presenter. We hope the Grade 12 students will be able to give leadership to the school's TV channel, "The Roar".

In addition, Comm Tech student's look forward to working more with audio production and Pro Tools 8 in Semester 2. This version of Pro Tools will allow us to dub video directly in Pro Tools and enable students to create more elaborate sound tracks for their films.

Students are looking forward to reach ahead opportunities in second semester when they will travel to Durham College's MAD (Media Arts Department) to complete a workshop in compositing and to Toronto's NFB Mediatheque to do a Green Screen workshop.

It's getting close to the Skills Canada – Ontario qualifying competitions at Georgian College. We hope to once again send students to compete in TV/Video, 2D Character Animation, Photography, Team and Individual Carpentry, Hospitality and Welding. Next year, we can send some students to complete in Hairstyling and Aesthetics!!

Did you see the movie, "The Social Network"? It's about the founding of Facebook and indirectly computer programming. We have a lot of gifted computer studies students here at St. Stephen Catholic Secondary School and I'm confident that many will find careers in IT, programming and computer technology fields. This semester students studied Turing programming, robotics, computer electronics, hardware disassembly, software, "open source" and networking. Next semester, many senior students will be introduced to programming in Python.



Your son or daughter may already be an avid computer gamer, programmer or "geek" like Bill Gates, Grace Hopper and Mark Zuckerberg. If so, they can join the Computer Technology club ("ICE group") where they will meet people of like mind to explore gaming and computer technology after school on Wednesdays.

The entire department wants to wish everyone in the Royals family a great Semester 2!!