

4th & 5th Grade Technology Applications
6th Grade Computer Science
7th Grade Digital Applications
8th Grade Video Tech

St. Ambrose Catholic School 2020-2021

Instructor: Mrs. Lisa Rowe

Office/Class Days: Monday, Thursday, Friday

Room Number: 206/Virtual

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Course Overview: These classes are designed to teach the basics of technology, including cloud-based productivity platform, networking basics, Internet communications, applied digital skills, video editing, and basic programming. While enrolled in this class, students will learn skills that will benefit them in all core subjects and prepare them for a position in the Science, Technology, Engineering, and Math fields later in life.

Course Content:

4th & 5th Grade – Technology Applications

Google for Education Applications.....Productivity web-based platform

Typing.com.....Internet-based keyboarding

Learning.com.....Technology literacy curriculum

Google Classroom.....Communicate, collaborate, share content, and access assignments

6th Grade – Computer Science

Google Edu.....Programming language where students create interactive stories, games, and animations.

Typing.com.....Internet-based keyboarding

Learning.com.....Technology literacy curriculum

Google Classroom.....Communicate, collaborate, share content, and access assignments

7th Grade – Digital Application

Applied Digital Teach the 4 C's: communication, collaboration, creativity, and critical thinking

Typing.com.....Internet-based keyboarding

Learning.com.....Technology literacy curriculum

Google Classroom.....Communicate, collaborate, share content, and access assignments

8th Grade – Video Tech

Movie Maker.....Various basic video editing software/platform

Typing.com.....Internet-based keyboarding

Learning.com.....Technology literacy curriculum

Google Classroom.....Communicate, collaborate, share content, and access assignments

All grades will become better Digital Citizens. Elementary and Middle School Technology class is designed to assist students in becoming better Digital Citizens. Each grade level will have custom projects/assignments designed for that grade's developmental & proficiency levels.

All students will devote 10-15 minutes to develop and assess proper keyboarding habits. Good habits, straight posture, fingers on home keys, all fingers in use, eyes on the screen, and the use of keyboard covers lead to speed and accuracy.

Keyboarding is graded based on observation of your weekly keyboarding habits & data from Typing.com. Keyboard grading is based on: 65% on task, 10% good posture, straight back, wrists up, with right angle at elbows. 15% all ten fingers in use, fingers return to the home keys. 10% eyes on the screen more than on the keyboard. Periodically, a photograph/picture will be uploaded to Google Classroom to view your keyboarding skills.

Monitored Online Communication: All communication must be positive and constructive. We are a community of learners and in Google Classroom you should act responsible. Keep in mind I will see all class communications. Be professional. If you wouldn't say it in front of a teacher, do not say it in writing. Do not use texting abbreviations in class discussions, blog posts, or assignments.

Topics covered by all grades will include online safety, digital etiquette, cyber bullying, appropriate use, protecting your online reputation, social networking, plagiarism, copyright and fair use, how to conduct effective searches, how to evaluate sites for accuracy and bias, as well as computer and Internet History.

Materials:

1. Technology Device
2. Headphones
3. Composition notebook
4. Writing (pencil or pen)

Student Work:

The majority of assignments will be completed in class virtually. Work done virtually requires a computer with an Internet connection. Students construct a digital portfolio showcasing all their work.

Absences and Make-Up Work:

If a student needs to miss class, he/she is responsible for any work and material he/she missed. I will work with absent students to help them catch up; and, if necessary, I can arrange for time outside of class to help them complete make-up work.

Late Work:

Please refer to St. Ambrose School Grading Guidelines

Grading Procedure:

Please refer to St. Ambrose School Grading Guidelines

Every student starts with an "E" in this class. It is the student's responsibility to maintain it. Students will be graded by their understanding of the material and effort.

Course Requirements

Assignment Submission: Save your work into your Google Apps for Education drive set up on the school network. You will be shown how to save to this drive. From then on it is your responsibility to save to your drive or lose your work and face the consequences of turning in nothing. This class is paperless and all assignments will be turned in online.

Grading: You should be able to track your progress and know your grade. Student's grades can be viewed online on Rediker and Google Classroom. ASSIGNMENTS MAY BE REDONE FOR A BETTER GRADE.

Evaluation will be based on the following:

Daily Assignments/Participation 30%

Collaboration 35%

Keyboarding 10%

Projects 25%

Computer & Internet Usage:

This class revolves around computers, and it is important to use them appropriately. St. Ambrose Catholic School Technology and Internet usage guidelines will be taught and strictly enforced.

- 1) Students will enter the classroom on time and ready to learn.
- 2) Students will treat their classmates and teacher with respect.
- 3) Students will respect Virtual Classroom rules and policies concerning Internet content and copyrighted material.
- 4) No food, drink, or gum allowed in the classroom.
- 5) Only one person may speak at a time during class discussion.

Expectations:

I expect students to be responsible, respectful, and reasonable. Often, technology classes are treated like easy electives. At St. Ambrose Catholic School, technology is at the core of everything we do and does affect your overall grades. "T" in STEM stands for Technology

Attendance Policy: Students are expected to show up for class on time every day. If you are tardy it is your responsibility to check in with an explanation for the tardy. If you are absent, you are expected to discuss with me how your grading will be modified.