Curriculum Overview 2018-2019 (Our Lady of Fatima Catholic School)- Mrs. LeFebvre and Mr. Valvo

Computers-

Overview:

Computer classes at Our Lady of Fatima Catholic School are taught once per week for students in kindergarten through eighth grade. Instruction commences with beginning computer orientation and progresses through advanced Microsoft Office and Google Suite skills, online research, typing, and coding applications. Cross curricular connections are regularly made, and internet safety and STEM skills are taught in each grade.

Curriculum:

Here is a breakdown of skills learned and built upon in computer class:

Kindergarten- Grade 3-

- How to turn on and log on to the computer
- What the Internet is and how to safely go to a website with instructor assistance
- What the different parts of the computer are (mouse, keyboard, monitor, etc.) and how to use them
- Develop dexterity with easily switching between desktop and laptop computers, touchscreen devices, and other digital devices
- How to use computers safely and ethically
- Beginning coding exercises using www.code.org
- Beginning typing exercises using Typing Club (learn what the home row is, etc.), as well as Microsoft Office applications
- Introduction to basic Microsoft Office skills (copy and paste, change font size, etc.)
- Guided website/webquest exploration to develop beginning research and inquiry skills
- Cross-curricular tie-ins (Moby Max exercises for math fluency, etc.)

Grades 4-8-

- Continued review of computer parts and usage, internet safety and actions against cyberbullying, and being an ethical digital consumer
- Continued development of Microsoft Office and Google Suite skills:
    - Develop PowerPoint presentations, Excel documents; use Google Docs and Google Slides in cross-curricular projects, as well as computer class projects
- Continue STEM tie-ins utilizing www.code.org
- Continued development of typing skills with an emphasis on increased speed and accuracy
- Development of online research skills
    - Identify and narrow research topic; apply guided online search strategies
    - Evaluate websites for accuracy and quality
    - Utilize online citation makers; create works cited pages
    - Learn about plagiarism and how to rephrase information