

**Course Syllabus for Parent Night  
PK-8<sup>th</sup> (2017-2018)**

**Course:** 8th gr Computers (2nd period)

**Teacher:** Ms. Cecilia Resweber

**Grade Level:** 8th

**Email:** cresweber@jp2.org

**Conference Time:** 11:30 - noon

Please call or email me for an appointment

**Textbook Series:** (workbooks, novels, other reading materials): No textbook. We use a variety of resources (mostly websites) to meet or exceed the requirements of the Archdiocesan Curriculum and the standards of the Computer Science Teachers Association. Novel: Computational Fairy Tales, by Jeremy Kubica. Students will program in Scratch, Python, and/or JavaScript, depending on experience. All students will participate in Robotics in the second semester.

**Topics Covered:** Our program includes topics such as digital citizenship, keyboarding, Google products (Classroom, Drive, Docs, Sheets, and Slides), computational thinking, and coding (programming). Robotics will include use of LEGO EV3 Mindstorm.

**Expectations:** Students attend class daily for 45 minutes. I expect students to follow directions, demonstrate kindness and respect to others, and demonstrate appropriate use of classroom equipment. Students are expected to come to class ready to work, learn and put forth their best effort.

**Grading:**

- Daily Participation 30%
- Projects 25%
- Novel Activities 20%
- Mid-Term/Final 15%
- Keyboarding 10%

**Special Projects / Events:** Many of the assignments I give are project-based where the students will apply what they learned to create a product. One goal of this class is to move from being only *consumers* of technology to *creators* as well. Advanced students may pursue additional self-directed activities, apart from the whole class. These students will be identified through aptitude as demonstrated in class, attitude towards the course and their classmates, and motivation to complete a long-term project.

**Integration and Use of Computers:** Students will use computers to access course materials, perform assigned tasks, and complete projects.

**Field Trips:** TENTATIVE, pending administrative approval: Microsoft Technology Center in Town and Country Center

**Other:** Parents may wish to access their student's Google Classroom account to view assignments or read announcements.

I encourage parents to preview all websites before allowing your child access.