Technology

Meet the Teacher

My name is Mr. Hartman and I joined St. Peter's in the summer of 2015 as the new technology teacher. I have a BS degree in Computer Science from Penn State. I also hold various Microsoft certifications. Previously I worked in the charter school system in Washington, DC. I also worked for the Arch-Diocese of Washington, tasked with implementing a new student information system at over 60 elementary schools in the diocese. My career has focused on software development.

My goal is to help our students become more proficient with technology so they are better equipped to advance into high school. I believe in an atmosphere where students enjoy their time with me and learn about technology in the process.

Core Curriculum

Technology is offered to all students PK thru 8th grade. While PK thru 2nd grade works on fundamentals such as using the mouse and keyboard, 3rd grade and up study topics including Microsoft word , powerpoint, publisher and excel. All classes are hands-on in our computer lab. All students, PK-8, are also taught about internet safety and how, while the internet is a great learning resource, we all must be cautious and aware of the dangers on the world wide web.

Middle School Electives

Coding is rapidly becoming a must-have in today's society. Saint Peter's now offers two coding electives for middle school students: SCRATCH coding for 6th graders and PYTHON coding for 7th and 8th graders. Scratch was developed by MIT and was taught last year to all middle school electives. It is a visual, building block language that teaches students how to think like a programmer.

Python was introduced this year as a new elective. Python is a very popular language used in businesses worldwide. Google, Yahoo and NASA all use Python as a language of choice.

```
>>> age = 12
>>> if age == 10:
        print("What do you call an unhappy cranberry?")
        print("A blueberry!")

elif age == 11:
        print("What did the green grape say to the blue grape?")
        print("Breathe! Breathe!")
elif age == 12:
        print("What did 0 say to 8?")
        print("Hi guys!")
elif age == 13:
        print("Why wasn't 10 afraid of 7?")
        print("Because rather than eating 9, 7 8 pi.")
else:
        print("Huh?")
```