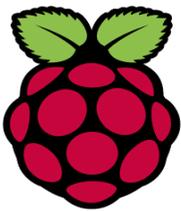




# Middle School Mania

K. M. S. News  
2016-17



## KMS Serves Up Technology

A Raspberry Pi may sound delicious, but it would be a little tough to swallow. So what is a Raspberry Pi anyway? For the record, the Raspberry Pi is a series of credit card-sized single-board computers developed in the United Kingdom by the Raspberry Pi Foundation to promote the teaching of basic computer science in schools and developing countries. So what does this have to do with KMS? We have now added a technology class that will assemble and program 6 of these tiny computers throughout the school year. Students will be able learn some of the basics in programming and file adaptation during their 7<sup>th</sup> period class. We are also going to integrate these tiny

computers and projects into our science, robotics and aviation science classes. The fun doesn't stop there either, Raspberry Pi has an educational website that encourages students to explore the use and integration of technology in real world learning. So technically, we are serving up something special.



A picture of a Raspberry Pi motherboard



Examples of sensors and projects



## It's a Bird, It's a Plane

If you see something flying over the middle school this year don't fret, it's not a UFO, it's our drone. This school year we have added a very exciting class to our electives program, Aviation Science. Coach Barrington, a certified teacher and aviation instructor, has students excited about the prospects of flight. Mr. Barrington's class will cover the mathematics and physics associated with basic flight. Flight really isn't as simple as Wile E. Coyote makes it out to be on T.V., there is real world science involved. So before you strap on an ACME rocket, you might want to take his aviation science class. Another plus, you can fly a real drone.