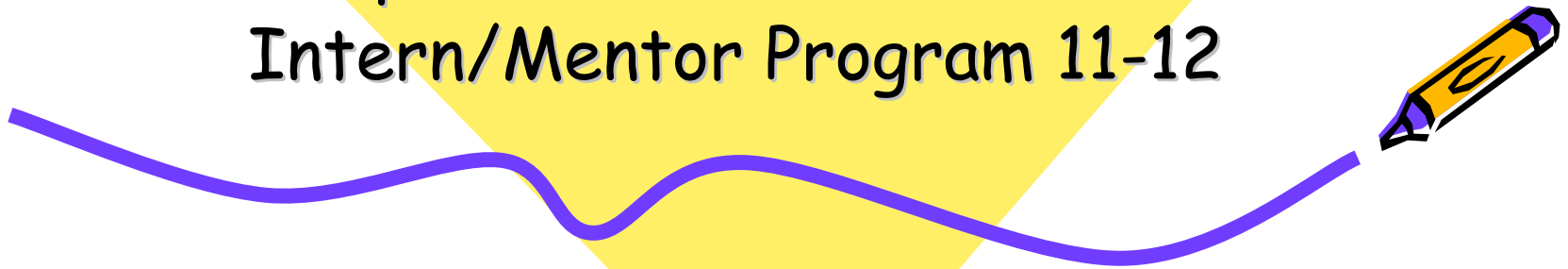


Gifted and Talented Research Courses:

Independent Research 10-11-12

Intern/Mentor Program 11-12



Who is Dr. Kiehl?

- **Education**

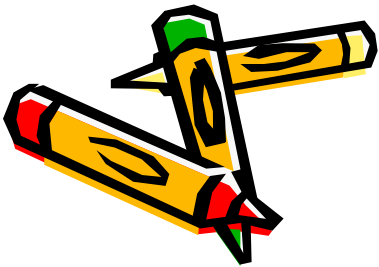
- Bachelor of Science in Chemistry from Gettysburg College - 2000
- Master of Arts in Teaching from Towson University - 2001
- Doctor of Education in Science Curriculum and Instruction from University of Maryland - 2008

- **Teaching background**

- 9th year HoCo teacher.
- Taught chemistry and AP Environmental Science in the county for 6 years prior to coming to RHS.
- Graduate Adjunct Faculty at McDaniel College

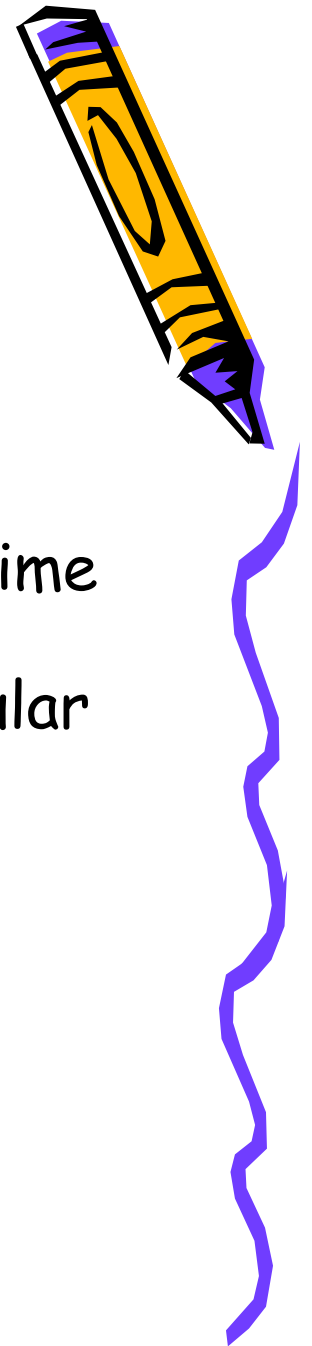
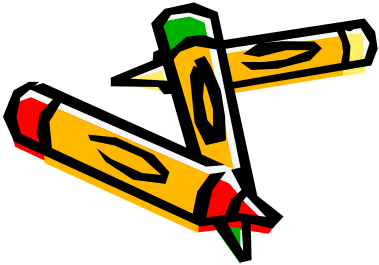
- **Fun Fact**

- Completed both IR and I-M with Dr. Parrott, my predecessor, as a student at Mt. Hebron.



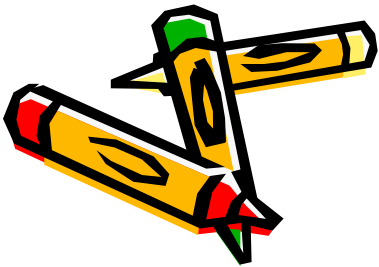
What's the difference between IR and Intern/Mentor?

- **IR** happens at school; students balance their time between instruction, activity, and time for individual research; IR students get more regular guidance from Dr. Kiehl.
- **Intern/Mentor** happens at an internship site outside of school, and students get hands-on experience with an adult expert.
 - Students schedule appointments with me and attend seminars to get instruction and guidance.
 - Same assignments as IR except classwork.



What will my child be doing in IR or I-M?

- Students **design an original research study** or creative production in self-selected areas of interest.
 - Students **identify a problem** and formulate a **research question(s)** and study.
- They learn advanced-level **research methodologies** and **college-level writing** and **oral presentation** skills.
- Students generate a **synthesis paper**, run their **study or project**, and create a final **product** to communicate their results.

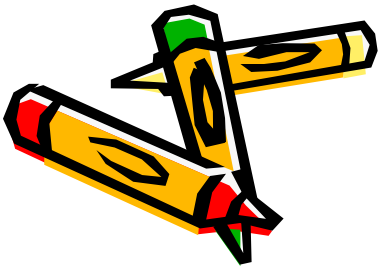
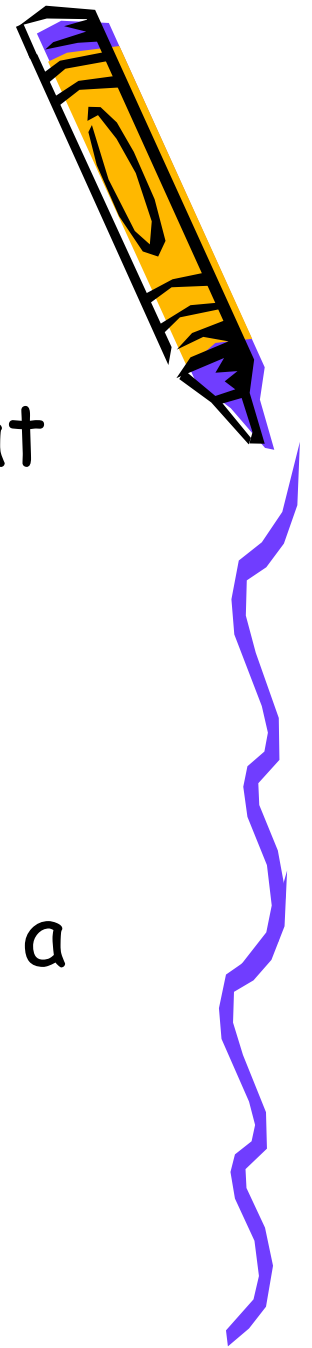


There are a number of lessons and assignments that support the development of the paper, project, and product, but students are expected to work independently on many occasions.



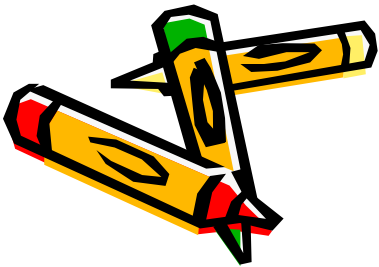
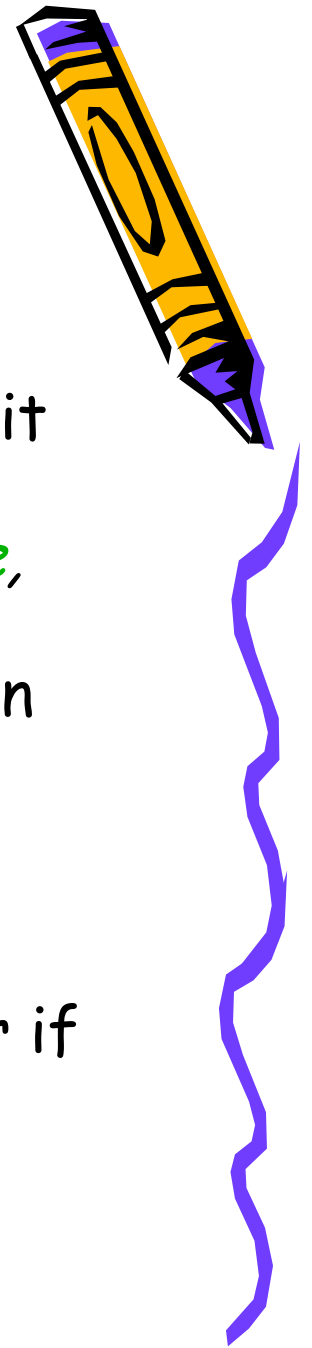
Why take these courses?

- Learn to *do scholarly research* that is creative, unique, and original
- Learn many kinds of *writing strategies* useful in other courses and in college
- Gain confidence and experience as a *presenter*



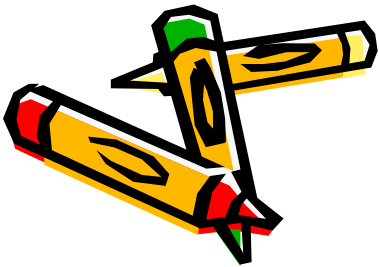
Anything else... you bet!

- Learn how to *contact adult experts* and benefit from their knowledge
- Learn *time management*, how to take *initiative*, *resourcefulness*
- Develop a *portfolio (paper and digital)* to use in the college, job, and internship application process
- Discover your aptitudes, skills, and *learning styles*
- *Prepare for a career* or test it out to discover if it's really what you want to do

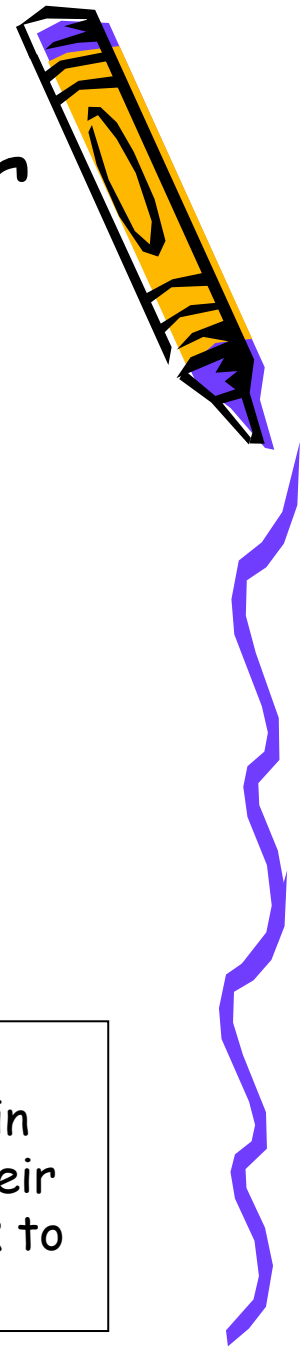


G/T Parent Academy

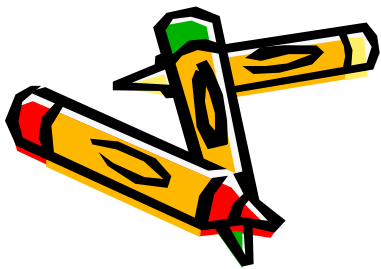
- Open to all interested parents.
 - First meeting: **Wednesday, Oct. 6th**
from 7:45-8:30pm at the Faulkner Ridge Center, Susquehanna Room (10598 Marble Faun Ct., Columbia)
- RHS needs a rep...
 - I have a letter if you might be interested!



If I have more questions for Dr. Kiehl, what should I do?



- Email at mkiehl@hcpss.org
- Call [410-888-8850](tel:410-888-8850).
- Check out the RHS G/T website at <http://www.rhsgt.com>
 - Grades - www.teacherease.com



Due to the independent nature of both of these courses, I encourage your children to be proactive in taking control of their learning, their grade, and their questions. Their first step should always be to talk to me!