

Isle of Hope Gifted Education

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August 2017

<http://iohgifted.weebly.com/>

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**Mr. Wade Smith** - [william.smith@sccpss.com](mailto:william.smith@sccpss.com)

### Gifted/Flex GOAL:

The 7th/8th GEP kids in my Flex (B days 8:40-9:40am) will have one of four options, leaning heavily towards the first two (differentiating with the last two if need be). Goal highlighted in yellow below.

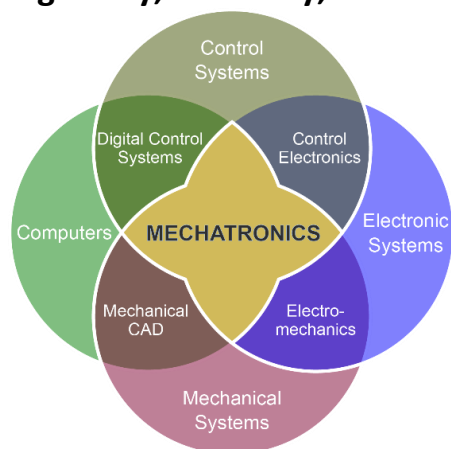
1-Mechatronics GrandPrix (Raspberry Pi)

2-Raspberry Pi DIY team projects

3-SketchUp Humanoid Full Inner Body Creation & Animation

4-Unity 3D GameDev

**THE PROBLEM TO SOLVE:** Your company's team has been entered into the J.C. Lewis Invitational grand prix race held each Spring at their dealership's "racetrack". You **MUST** compete in order to receive credit. Engineering ingenuity, creativity, and excellence will be recognized.



**DETAILS:** You will use Raspberry Pi micro-processor and any other bits and pieces (electronic, mechanical, scrap parts, old Lego/Kinect/Erector/TinkerToy, etc that you can find and/or purchase at home.

**AT SCHOOL:** You will learn basics of Robotics, Raspberry Pi micro-processor, as well as the Engineering Process. You will be monitored weekly on your progress and will receive mentoring from your teacher and outside experts in automotive, engineering, and electronics. You will also be able to have access to tools (adult led) that can assist in your fabrication. You **MUST** keep track of your analysis, design, implementation, evaluation, and re-design ("What did I learn?") every day in class in your Mechatronics Journals. Make good use of your time in class.

**Mrs. Ruth Weeks** - [ruth.weeks@sccpss.com](mailto:ruth.weeks@sccpss.com)

## 6th Grade GEP

This year 6th grade GEP students will explore the New York Stock Exchange in a unit focused on the economy, how it works, and what makes it such a vital part of our lives. They will be introduced to the concepts of profit and loss, credit and debit, interest, profit sharing, risk, and much more. We will begin with an overview of key terms and concepts, and later in the fall students will participate in a real-life Stock Market Game experience. This experience will allow them to make research-based decisions and follow their own “investments” to see how successful they could be in the world of finance. Along the way we will include quick exercises to enhance creativity, logical reasoning, and problem solving skills. Prepare for a great year in 6th grade GEP!



Welcome, parents and students to the 2017-2018 school year! My name is Mrs. Miller and I am the 1st, 4th, and 5th grade GEP resource teacher this year. I cannot wait to meet everyone, get to know all of you, and get busy learning! I'm so excited to be your teacher, watching you learn and grow throughout the school year!

#### **4th Grade**

- **The American Revolution**
- **Acid, Acid Everywhere**
- **Ancient Greece and Mythology**
- **Novel Studies and Quiz Bowl Reading Competition**
- **Hands on Equations (algebra) and other math skills**
- **Chess**
- **Additional units/activities based on student needs and interests**

#### **5th Grade**

- **The Civil War**
- **Electricity**
- **Autobiographies and Memoirs**
- **Novel Studies and Quiz Bowl Reading Competition**
- **Hands on Equations (algebra) and other math skills**
- **Chess**
- **Additional units/activities based on student needs and interests**

#### **1<sup>st</sup> Grade**

- **Primarily Plants**
- **Gifts**
- **Math Enhancement Lessons taught one once per week – Solve It ( Grade 2)**
- **Affective Domain lessons once per marking period**
- **Chess**
- **Additional units/activities based on student needs and interests**



**Mrs. Debbie Alexander - [debora.alexander@sccpss.com](mailto:debora.alexander@sccpss.com)**

Hello, families of my gifted 2<sup>nd</sup> and 3<sup>rd</sup> grade students! I am so excited to be working with your children this year!! We will learn together this year and have a great deal of fun while we're learning!! I want to invite all parents to come and visit us whenever you have a moment! Please be certain to sign in at the front office!

#### **2nd grade**

- **Where is the Beach?: Examining Coastal Erosion**
- **Ancient China: The Middle Kingdom**
- **Math Enhancement Lessons taught once per week – Solve It (Grade 3)/Hands on Equations**
- **Affective Domain lessons once per marking period**
- **Chess**
- **Additional units/activities based on student needs and interests**
- **Novel Studies and Quiz Bowl Reading Competition**

#### **3rd grade**

- **What a Find?: Analyzing Natural and Cultural Systems**
- **Ancient Egypt: Gifts of the Nile**
- **Hands on Equations**
- **Affective Domain lessons once per marking period**
- **Chess**
- **Additional units/activities based on student needs and interests**
- **Novel Studies and Quiz Bowl Reading Competition**

