

## March $1^{\text {st }}$ Results

Thanks for your participation and/or interest in the "Physics Rocks" STEM Tour event held here at Edison on March 1, 2014. Team scores for the day's challenges are provided here. We enjoyed having all of you!!!! Of special note were some team's creative use of materials and outside the box thinking:

1. Several teams used a water activated chemical reaction to fill buoyancy balloons to lift their rocks from deep in the tank.
2. Successful flying rocks were achieved with devices that minimized air resistance on the way up, but maximized it on the way down. Some teams created devices that used the force of the launch to get rid of required weight so the "parachute" had less work to do. 3. Swinging rock devices knocked out more than one target at a time.
3. Scores recorded later in the day were generally higher than early attempts.....it's a good idea to watch others fail and to practice a lot!!

As you may or may not know; First, Second, and Third place winners from this event earn points towards the overall STEM Tour point total and those results are available at the STEM tour website (http://www.chamberswfl.com/stem/). The final event of this year's Tour offers participation points toward the STEM Tour points but no additional competition points. Be sure to attend FGCU's Solar Go Cart Race on

## Points Total- Elementary

| Team \# | School Name | Team Name | Rock Diver | Rock Climber | Rock Swing | Flying Rock | Total Points |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | Three Oaks Elementary | The Extras | 0 | 50 | 0 | 0 | 50 |
| 11 | Three Oaks Elementary | The Sunshine Smarties | 240 | 100 | 150 | 0 | 490 |
| 12 | Three Oaks Elementary | The Engineering Guys | 180 | 100 | 175 | 0 | 455 |
| 19 | Heights Elementary | Team Heights | 240 | 150 | 100 | 200 | 690 |
| 20 | Cape Elementary | SEAHAWKS | 300 | 100 | 75 | 0 | 475 |
| 30 | Three Oaks Elementary | The Smart Smilies | 240 | 50 | 225 | 0 | 515 |
| 33 | Six Mile Charter | Wild Cat Stem Team | 120 | 100 | 225 | 0 | 445 |
| 32 | Six Mile Charter | Wildcat Champions | 180 | 150 | 25 | 0 | 355 |
| 40 | Three Oaks Elementary School | TO BAM | 120 | 100 | 325 | 0 | 545 |
| 41 | Three Oaks Elementary | My Little Team | 240 | 100 | 75 | 0 | 415 |
| 45 | Three Oaks Elementary | Last Chance Team | 240 | 100 | 125 | 50 | 515 |


| $\square$ | $=$ First Place |
| :--- | :--- |
|  | $=$ Second Place |
|  | $=$ Third Place |

## Points Total- Middle School

| Team \# | School Name | Team Name | Rock <br> Diver | Rock <br> Climber | Rock <br> Swing | Flying Rock | Total Points |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Royal Palm Academy | Take Two | 120 | 100 | 325 | 0 | 545 |
| 2 | Royal Palm Academy | Spring Forward | 240 | 150 | 0 | 0 | 390 |
| 3 | Royal Palm Academy | The Start Ups | 180 | 50 | 75 | 0 | 305 |
| 4 | Royal Palm Academy | The New Essentials | 180 | 100 | 50 | 0 | 330 |
| 13 | Lexington Middle School | Team Lexington | 240 | 100 | 0 | 0 | 340 |
| 14 | Lexington Middle School | Super Lynx | 300 | 150 | 325 | 400 | 1175 |
| 17 | Three Oaks Middle | Middle Minds | 240 | 200 | 325 | 300 | 1065 |
| 18 | challenger middle | cahregers | 240 | 100 | 150 | 0 | 490 |
| 21 | The Alva School | The Alva Ramblers | 240 | 100 | 75 | 0 | 415 |
| 25 | Six Mile Charter Academy | Legit Wildcats | 60 | 100 | 25 | 0 | 185 |
| 26 | Six Mile Charter Academy | Middle Wildcats | 0 | 100 | 25 | 0 | 125 |
| 27 | Six Mile Charter Academy | The Officials | 120 | 100 | 325 | 0 | 545 |
| 33 | Trafalgar Middle School | Trafalgar Tiger Sharks 2 | 240 | 100 | 125 | 0 | 465 |
| 34 | Trafalgar Middle School | Trafalgar Tiger Sharks 4 | 300 | 50 | 325 | 0 | 675 |
| 35 | Trafalgar Middle School | Trafalgar Tiger Sharks | 180 | 50 | 325 | 0 | 555 |
| 36 | Trafalgar Middle School | Trafalgar Tiger Sharks 7 | 300 | 50 | 175 | 50 | 575 |
| 37 | Trafalgar Middle School | Trafalgar Tiger Sharks 5 | 0 | 100 | 0 | 0 | 100 |
| 42 | Classical Conversations | Rockin' n Rollin' | 120 | 150 | 25 | 0 | 295 |


| $\square$ | $=$ First Place |
| ---: | :--- |
|  | $=$ Second Place |
|  | $=$ Third Place |

## Points Total- High School

| Team \# | School Name | Team Name | Rock <br> Diver | Rock Climber | Rock <br> Swing | Flying Rock | Total Points |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | Edison Collegiate High School | A-Team | 300 | 100 | 325 | 50 | 775 |
| 16 | Edison Home Schhool | Crazy Amazing Guys Who Do Cool Stuff | 300 | 50 | 300 | 400 | 1050 |
| 22 | Edison Collegiate HS | The Expendables | 300 | 100 | 325 | 0 | 725 |
| 28 | Bishop Verot | BV Team Black | 240 | 200 | 325 | 0 | 765 |
| 29 | Bishop Verot | BV Gold | 180 | 100 | 325 | 300 | 905 |
| 40 | Edison collegiate high school | The nerds | 300 | 100 | 0 | 0 | 400 |
| 43 | Immokalee High School | Rimmler Is Awesome | 300 | 100 | 325 | 0 | 725 |
| 44 | Immokalee High School | Team Fabulous | 300 | 150 | 325 | 0 | 775 |


|  | $=$ First Place |
| :--- | :--- |
|  | $=$ Second Place |
|  | $=$ Third Place |

