***DevilPhysics***

***AP Physics***

***IB Physics***

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period: \_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



***Baddest Class on Campus***

***WebQuest***

**Home Page**

1. Give one answer to the question, "What is Devil Physics?"
2. What is the correct spelling of the first name of the student who said, “*"Physics can be applied in more than many ways to help benefit society . . .*”
3. What aspect of the SPHS mission do you feel is most important for an effective education?
4. Which of the SPHS Core Values are most important for your individual success?

1. Briefly explain what hard water is (according to the website).

**Hot News**

1. What is the website for the Intel STS jump-start packet?
2. According to an unnamed former IB student, an IB diploma is worth about how many college credit hours?

**Important Information: Class Guidance**

1. State the three aspects of the IB Learner Profile that you feel are most important for a successful student.


5. According to the SPHS IB Honor Code, “Students who are mature enough to select a difficult and valuable program must also be mature enough to,
6. According to the SPHS IB Honor Code, “Every student has the right to pursue an education free from the problems caused by,
7. According to the IB Academic and Disciplinary Guidelines for 2014-2015 (new one hasn't come out), what can get a 10th grader kicked out of IB at the end of the year?
8. According to the IB Academic and Disciplinary Guidelines for 2014-2015, “According to the IB, CAS activities must be performed on a continuous basis over
9. If a student is out of compliance with CAS at the end of the junior year, what must the student do in order to start their senior year?
10. According to the IB Academic and Disciplinary Guidelines for 2014-2015, “Students in the IB Program are expected to abide by the Pinellas County Schools Code of Student Conduct. In order to remain in the program, IB students are held to,
11. According to the Nature of Physics, Maxwell’s theory could not explain the interaction between radiation and matter and was replaced by,
12. According to the Nature of Physics, “Physics, therefore, above all, is,

**Important Information: Important Links**

1. You decide to explore interesting science sites engineering. What is a web address for Profiles of Scientists and Engineers?
2. You are interested in Exploring Black Holes: General Relativity and Astrophysics. From the Academic Earth Video Lectures in Physics, who teaches a course on that subject?

1. In the MITOPENCOURSEWARE series, if you wanted to take the course on Introduction to Computational Neuroscience, what MIT course number would you use to order?

**Important Information: Nobel Prize Winners in Physics**

1. According to the Nobel Prize Extra Credit Essay Requirements, what 6 areas must the paper address?
2. What are you supposed to talk about for the 'When' portion of the paper?

**Important Information: Widgets**

1. What is the total field gravitational acceleration in Peoria, IL to five decimal places?
2. If I drive my Rocket Nissan Frontier off a 35° ramp at 35 m/s, what will be its maximum height attained in meters assuming it follows a typical projectile trajectory (and we neglect air resistance because we always neglect air resistance)? (*Note: you may have to hit submit twice*)

**Important Information: Internal Assessments - IB Physics**

1. Doing an Internal Assessment on " The exponential nature of a bouncing ping-pong ball" sounds like a simplistic topic. What score did the example paper on this topic receive?

**Important Information: Calendar**

1. Your favorite day of the year is March 14th. What letter day is this (IB: ABC, Trad: ABCDEF)?
2. What big event took place on Aug 20th this year?

**Contact Me**

1. From the dropdown menu, what ‘Class’ do I get the most contacts from (choose the most obvious answer)?

Grading Scale:

24-27 = 5 pts

19-23 = 4 pts

14-18 = 3 pts

8-13 = 2 pts

3- 7 = 1 pt