

## **HST 2010: Information about your national school system**

**Country:** (For USA, specify state) \_\_\_\_\_

1. What are the minimum academic requirements that teachers must have in order to teach physics in your country/province /state?
2. Are teachers obliged to participate in professional development courses or workshops? If so, how is this funded?

### **General information about your school:**

3. What type of school do you teach in (state-funded/private/other)?
4. What is the *approximate* number of students at your school?
  - in total:
  - taking science:
  - taking physics:
5. What are the maximum and actual (i.e., in your previous/present school year) group-sizes in your physics class?

**Information about your national school system:**

6. Are science and mathematics compulsory subjects at the higher grade levels?  
(Or, put another way: Can a student graduate from secondary school without having taken science and/or mathematics at the higher grade levels?)
  
7. At what ages do your students study physics?
  
8. What prerequisites (science/math) must your students have before they take their first physics course?
  
9. How many hours of physics do your students have per week, according to the level taught?
  
10. How is the final grade in physics assessed, and what is required for promotion to the next level?
  
11. Does modern physics form a part of the curriculum?  
If so, to what extent? Give an approximate percentage according to level, if possible.
  
12. Does your physics curriculum include any particle physics?  
If yes, which specific topics in particle physics are taught?
  
13. What degree of freedom does the teacher have within the framework of the stated physics curriculum (e.g., extension and enrichment material, special topics, etc.)?
  
14. Does your national curriculum (or school) offer opportunities for gifted students?

