

## INTRODUCTION TO UNIT 1 PHYSICAL SCIENCE

Listed below are the items you will need in order or in which you should become familiar in order to best implement this unit. Please review them and make sure you have purchased the items needed before you start Lesson 1.

1. Purchase and read class sets of the following books for use throughout Unit 1:
  - a. *Kirinyaga* by Mike Resnick
  - b. *The Periodic Table* by Primo Levi
2. Even though ESubjects does not list a particular textbook to be used with the lessons, have a Physical Science Textbook available.
3. For Lessons 6 and 7 download and copy the following 3 articles from <http://www.chem4kids.com/matter/index.html>:
  - a. Matter
  - b. States of Matter
  - c. Mixtures
4. For Lesson 7 have a copy of the first two pages of book one of *The Odyssey*.
5. For Lesson 12 be familiar with the demonstration of how to separate plastics by density found on the following site:  
<http://www.rohmhaas.com/company/plabs.dir/htmldocs/PlasticRecyc.html>
6. Become familiar with the following site <http://www.chemicalelements.com> about the periodic table in order to help students as they work on their final project research in Lessons 21-22.
7. Look over **List of Supplies** (Teacher Page) and make sure all items are available or order those needed in order to have them before the appropriate lesson.
8. Assign Groups – If your students are in the ESubjects English class, then you may consider using the same groups as they have in English. In this way, the groups can use the tribe that they created in English as the tribe they compare the family in the periodic table to during the final project in this unit. If not, assign groups and in lesson 18 students will need to take a few minutes to create a tribe and determine the characteristics of its members. See lesson 18 for details.

