

Peace River High School

Science 24

Mr. Owens 2011-2012

Goals:

- Encourage students to develop a critical sense of wonder and curiosity about scientific and technological endeavours
- Enable students to use science and technology to acquire new knowledge and solve problems, so that they may improve the quality of their own lives and the lives of others
- Prepare students to critically address science-related societal, economical, ethical and environmental issues
- Provide students with a foundation in science that creates opportunities for them to pursue progressively higher levels of study, prepare them for science-related occupations, and engage them in science-related hobbies appropriate to their interest and abilities
- Enable students , of varying aptitudes and interests, to develop a knowledge of the wide spectrum of careers related to science, technology and the environment

Materials needed:

- Textbook: Science Connect 2
- Binder with looseleaf paper
- Pencils, erasers, pens and ruler



Course Outline:

1. Unit A- Matter and Chemical Change
2. Unit B- Understanding Common Energy Conversion Systems
3. Unit C- Disease Defence and Human Health
4. Unit D- Motion, Change and Transportation Safety
5. Review and Exam

Evaluation:

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| 1. Daily work, projects, labs and assignments | 45% |
| 2. Quizzes and Unit Tests | 30% |
| 3. Final Exam | 25% |

Class Guidelines

1. Arrive on time for class prepared with materials
2. Complete course work to the best of your ability
3. **Respect** property and opinions of others. Everyone has a right to their education
4. Ask for help when needed, not when it is too late!!