# Unit One

# Science and Technology Unit: Presentation Topics

1. Cloning
2. Genetic Manipulation
3. Nanotechnology
4. Tissue Regeneration
5. Bionics
6. Cybergenetics
7. Hyperplane
8. Fiber optics
9. Macro engineering
10. Electromagnetism
11. Robotics
12. Stem Cell Research
13. Psychotropic drugs
14. Radioactive dirty bombs
15. Technological imperative
16. Bhopal Industrial Gas Accident
17. Chernobyl Nuclear Disaster
18. Materialism
19. Robots in Medicine
20. Green Technology
21. Bioethics
22. Alternative fuels
23. Artificial intelligence
24. Exoskeletons
25. Future Homes
26. Future transportation
27. Neurogaming
28. Augmented reality
29. Thin film solar technology
30. Algae future food

12C Science and Technology

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| Reading Comprehension Strategies | **Summarizing & Paraphrasing** | Oral Communication & Discussion Skills |

Science & Technology

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| 3   * Course Introduction * Effective Reading Strategies * *Technology will Enhance Humanity’s Future* byZey | 4   * Effective discussion techiques * Jigsaw Groups Zey’s article | 5   * *The Rocket* by Ray Bradbury * Elements of a Short Story | 6   * TED TALK Juan Enriques: The Next Species of Human (8min) * Summary ppt. * Feschuk article | 7   * Ted Talk: Kirk Citron: And Now the Real News * *Science and Beauty* by Isaac Asimov * Summary Practice |
| 10   * *Technological Innovation must be Limited* by Closson * Annotating | 11   * *Fire & Ice* by Robert Frost * *Risk* by Joanna Russ | 12   * Ted Talk: Ian Goldin * There Will Come Soft Rains by Bradbury | 13   * Using the Data bases * Choose a topic and Article | 14  Effective presentations ppt |
| 17  Family Day Holiday | 18   * Technology Mini Presentation | 19   * *The Flying Machine* by Ray Bradbury | 20  Technological Imperative Essay | 21  Technological Imperative Essay |
| 24  Technological  Imperative  Essay | 25  Gattaca Film  Study | 26  Gattaca Film Study | 27  Science and Technology  Final Test | 28  Technological  Imperative  Essay Rough Draft Due |

# Unit One Learning Goals

*“****Setting a goal is not the main thing. It is deciding how you will go about achieving it and staying with that plan”*. Tom Landry**

1. Improve r**eading comprehension** by using a variety of strategies
2. Participate in **active discussion**
3. Be able to **effectively summarize** articles and stories in your own words.
4. **Communicate ideas effectively** using power point or prezi to support presentation
5. **Write a persuasive** 5 paragraph essay about the technological imperative

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|  | *Type information a summary of the information in this newsletter or provide more information about your company.* |  |

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| Simcoe County District School Board  Reading Comprehension Strategies  [Type the sender company address] |
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| [Type the recipient name]  [Type the recipient company name]  [Type the recipient address] |