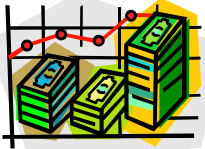







Technological Assessment

Technological Assessment is a term for processes by which people can evaluate technologies and technology systems. We need to evaluate technology to determine in what ways it may be good or bad. Useful questions help people to make technology assessments.

Six Areas of Technological Assessment:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Economic 2. Environmental 3. Social | <ol style="list-style-type: none"> 4. Ethical and Moral 5. Health and Safety 6. Political |
|--|--|

	<p><u>Economic Technological Assessments</u></p> <ol style="list-style-type: none"> 1. What are the costs of developing and using the technology? 2. Will the technology affect jobs, business and industry?
	<p><u>Environmental Technological Assessments</u></p> <ol style="list-style-type: none"> 1. Will the technology impact the environment and natural resource reserves? 2. Will the technology result in something that requires disposal?
	<p><u>Social Technological Assessments</u></p> <ol style="list-style-type: none"> 1. Who benefits and who suffers because of the technology? 2. Who pays for the development and use of the technology?
	<p><u>Ethical and Moral Technological Assessments</u></p> <ol style="list-style-type: none"> 1. What are the ethical and moral issues involved in the development and use of technology?
	<p><u>Health and Safety Technological Assessments</u></p> <ol style="list-style-type: none"> 1. What "if" the technology gets out of control or becomes a hazard to the community and beyond? 2. Are there health and safety risks associated with the technology, and what are those risks?
	<p><u>Political Technological Assessments</u></p> <p>Are there legal matters involved in the development or use of the technology, and what are they?</p>

Name: _____







Block: _____

Date: _____



Technological Assessment

Multi-Category Technological Issue ISSUE: USA's dependency upon Foreign Oil

 <p style="text-align: center;"><u>Economic:</u></p> <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 	 <p style="text-align: center;"><u>Environmental:</u></p> <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
 <p style="text-align: center;"><u>Social:</u></p> <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 	 <p style="text-align: center;"><u>Ethical and Moral:</u></p> <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
 <p style="text-align: center;"><u>Health and Safety:</u></p> <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 	 <p style="text-align: center;"><u>Political:</u></p> <ol style="list-style-type: none"> 1. _____ 2. _____ 3. _____ 4. _____ 5. _____

Name: _____ Block: _____ Date: _____

Technological Assessment

ISSUE: USA's dependency upon Foreign Oil

Economic:

- We need foreign oil to produce energy for factories
- We rely on oil to produce gasoline and diesel fuel for transportation.
- Increasing oil prices affect inflation.

Environmental:

- Transporting oil by ships has resulted in oil spills that have seriously damaged the environment.
- Burning of oil / fossil fuels causes air and water pollution.

Social:

- We need foreign oil for transportation so we can travel when we need to and when we want to.

Ethical and Moral:

- We often buy oil from and help rulers of foreign oil-producing countries who are unjust to their people.
- We often buy vehicles that aren't fuel efficient.

Health and Safety:

- Many Americans use foreign oil to heat their homes.
- Pollution is known to cause cancer and other pollution-related diseases.

Political:

- We have to remain friendly with foreign oil-producing nations and even defend them with military force.