

The background is a dark blue gradient with silhouettes of various leaves scattered around the edges. The leaves are in shades of a lighter blue, creating a subtle pattern.

Engineering Ethics

Essential Question

What is the connection between ethics and inventions?

Ethics

- A generic term for several ways of examining the moral life
- A way of determining the “right”, “wrong”, and “gray” areas in society
- For example, you cannot accept gifts from certain companies to increase business.
- Why is this example an ethics violation?

Ethical Engineers are...

- Competent
- Responsible
- Places the safety of the public above all else

Why study ethics....

- Engineering solves problems
- Involves risk because of the gaps in knowledge

Examples

Watch the following video....

<http://youtu.be/VF2mKavngHE>

Example

In an effort to save time & money, the equipment was not tested in the cold temperatures. The cold temperatures that day caused the seals to fail and the shuttle to explode.

What are your thoughts?

Technology Debates

- Review the assignment on the website
- All work is due in two days

Conclusion....

- Do you think anyone purposely caused the disaster you researched?
- How can we prevent future disasters?