

BLM – Fission vs. Fusion

Name: _____ Date: _____ Class: _____

Fission vs. Fusion Web Links

Canadian Nuclear Association web pages

- [How reactors work](#)
- [Types of reactors](#)
- [Fusion research](#)

Additional resources

(Retrieved Aug. 1, 2019)

Fission:

- [Nuclear Fission: Basics – AtomicArchive.com](#)
Information and graphics about the process of nuclear fission.
- [Nuclear Fission – European Commission](#)
A look at nuclear fission research in the European Union.
- [How Nuclear Power Works – HowStuffWorks](#)
This website has information about nuclear fission and nuclear power plants.
- [Physics of Uranium and Nuclear Energy – World Nuclear Association](#)
Information about uranium, nuclear fission and the fission process.

Fusion:

- [JET: EUROfusion’s flagship device – EUROfusion](#)
Learn about JET (Joint European Torus), the world’s largest fusion experiment, is located near Oxford, England.
- [ITER and fusion energy – European Commission](#)
A look at ITER (Latin for “the way”), an International Thermonuclear Experimental Reactor in Cadarache, France used for researching cold fusion technology.
- [Nuclear Fusion – European Commission](#)
A European roadmap for nuclear fusion.
- [Fusion Energy Education – FusEdWeb](#)
Introductory educational materials in visual format on fusion energy and the physics of plasmas. This online fusion course was created by the Contemporary Physics Education Project (CPEP), a non-profit organization of teachers, educators and physicists. CPEP creates educational materials on contemporary physics topics for use in introductory physics classes.

- **Fusion Education – General Atomics**
Resources for teachers including educational materials, fusion science slide shows and links to other fusion sites.
- **How Nuclear Fusion Reactors Work – HowStuffWorks**
Information about the creation of nuclear fusion reactors and how they work.
- **10 Facts You Should Know About Fusion Energy – Princeton Plasma Physics Laboratory**
Facts about the basics of fusion energy.
- **Fusion Energy Sciences – Office of Science, U.S. Department of Energy**
Information about fusion research, including fusion facilities and institutions in the United States and around the world, that are participating in fusion research.

Comparing Fission vs. Fusion:

- **Forget Nuclear Fission, How about Fusion? – 60-Second Earth, Scientific American**
A short podcast from 2009 describing some of the promise, as well as the problems, involved with harnessing nuclear fusion.

Nuclear Energy:

- **The ABC's of Nuclear Science – Nuclear Science Division, Lawrence Berkeley National Laboratory**
A brief introduction to nuclear science including information, experiments and a glossary.
- **Frequently Asked Questions about Nuclear Energy – Stanford University**
This list was compiled and answered by John McCarthy, a professor emeritus of computer science from Stanford University.