

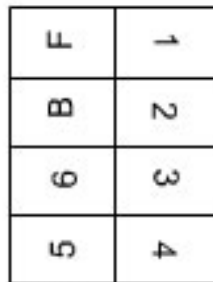
MIT Nuclear Reactor Lab Library—Teacher Instructions

Directions:

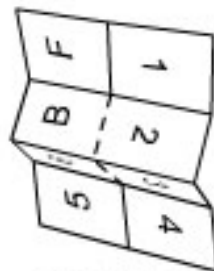
1. As a group, students discuss and collect the information they learned during their presentation and tour of the MIT Nuclear Reactor Laboratory to complete the six essential questions about nuclear energy and nuclear power plants. This can be done using a collection of Post-It Notes to brainstorm and gather their thoughts.
2. Have the students follow the directions below to fold the paper into a booklet.
3. Once the students agree on the most important factors, explanations, and answers, they will write their information in the appropriate sections/pages of the booklet. Students can work on a group booklet or their own individual booklet—teachers discretion.
4. Let students know that pages three and four require the students to use a colored marker/pencil or crayon to identify those areas/regions of the U.S. where the most nuclear power plants are located. This does not mean they need to specifically identify those located in each state.
5. As an alternative assignment:
 - a) different groups could create booklets without a template, based on other topics such as, research reactors vs those to used to generate electricity, the sue of Nuclear research for various medical experiments, the future of nuclear energy or byproducts of nuclear energy, just for a few examples. These would lead to a true MIT Nuclear Reactor Lab Library.
 - b) Student could create the booklets as a guide to explain nuclear energy to younger students.

Folding Instructions

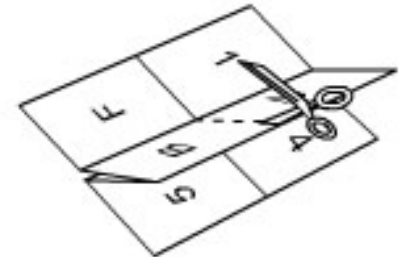
Note: All folds should be to the lines printed on the paper, and not to the actual edges of the page.



1. Start with front page at top left

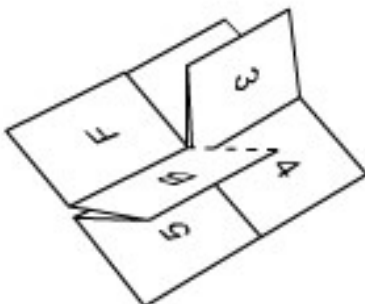


2. Fold in halves

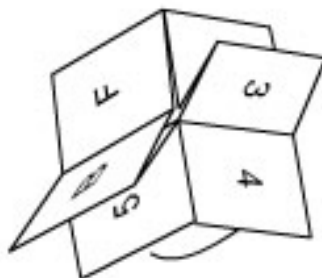


3. Cut at dotted line in center

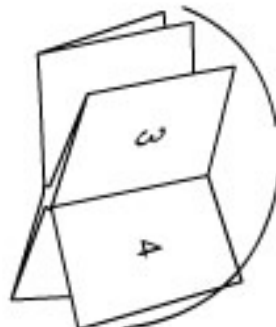
4. Fold to opposite ends.



5. Fold in half vertically



6. Fold in half horizontally



done. enjoy!



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