

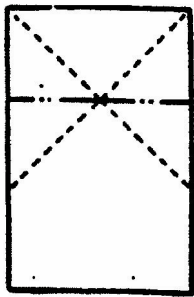
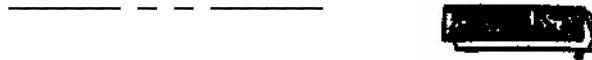
# Jumping Frogs

For a future lab, you will need a jumping frog. Follow these instructions to construct your own frog:

1. Choose an index card or piece of paper or card stock the same size as an index card. All class members must use the same type of paper.
2. The markings on the diagrams are very important. A line made up entirely of dashes is a "valley fold" which is folded up.



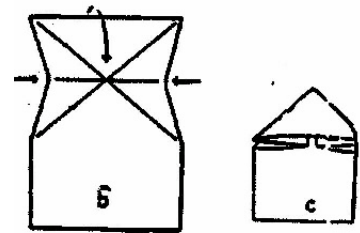
A solid line with occasional dashes is a "mountain fold" which is folded down.



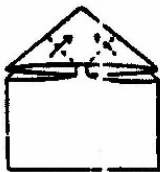
a

3. Turn your card as shown at the left (figure a) and make the two valley folds and immediately unfold each. Then make the mountain fold so that it crosses the intersection of the valley folds.

4. Push in the sides of the card at the crease as shown to the right (figure b). Then smooth down the resulting triangle formed (figure c).

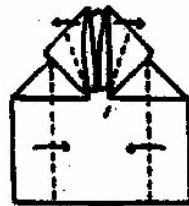


5. Make the valley folds shown below (figure d), bringing the side points together at the top.



d

Make the long valley folds first (figure e) and then make the short folds.



e

Make the last two folds (figure f), leaving them folded. Unfold the top to make the frog's front legs.



f

8. Decorate your frog and put your initials on it so that you can identify it later.

