SNAILBOT

Instructions for folding:

1. Print out the snailbot.
2. The bold red lines show where you will be cutting and the dotted lines show folding. Following the given picture of the 2D snailbot, the green dots represent valley folds and the blue dots represent mountain folds. Arrows have also been provided for your assistance.
3. Start with folding the curved green dotted lines for box 1. As the arrows are pointing towards each other, you will make a valley fold. That means, if the cut out is lying flat on the table, fold upwards (away from the table).
4. For boxes numbered 2, the blue dotted lines have arrows pointing away from each other. This means, if the cut out is lying flat on the table, you will have to pick the cut out up and fold downwards (towards the table).
5. Follow this pattern of folding for each of the boxes in a numerical order.
6. And you're done! You can now use the two flaps beside the green dotted curves to move your snailbot front and back!
7. Optional: You can take a piece of string and pass it through the two holes at the edge of the flaps. Take one end of the string and pass it through the holes in the same order as the first pass to make a loop. Make a knot at both ends of the string. Now, you can pull and release the two ends of the string to make the snailbot move forwards and backwards.

Mountain Fold   Valley Fold