Here are some folds & puzzles using paper.

- banger
- Rick Nordal's surprise fold
- foil flower
- paper pistol
- sasaki's puzzle
- sunglasses
- Simple Models
Banger

works with other rectangles - the bigger the louder!

fold the corners to the centre crease

fold in half

fold in half

swing both flaps down

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Origami Surprise

print this page, cut out the picture below & follow the instructions!

Folding method invented
by Rick Nordal

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P, Q R inside, Open up!

"Cut out " this square diagram then fold paper in half along dotted line. Do not unfold. Make sure this side of paper remains on the outside.

In just a few minutes fold this paper... into a amazing jumping toy!

In alphabetical order fold same two letters together so that they "kiss" each other. Letters "A,B,C," fold and then unfold. All other letters fold, but do not unfold.

To make your toy jump, push down on very back edge and slide your finger away from the toy. Can you jump this toy into a cup? Enjoy!
Flower
works with ordinary foil - you don't have to start smoking!

This design was folded by a barman in Cyprus!
Diagrams D. Brill © BOS
Origami Pistol

Pull the trigger, shout "BANG"!

This “playground” design was discovered by 11 year old Julien Correia.
Diagrams D. Brill © BOS
Here are some folding puzzles to get your brain and fingers working!
The idea is to reproduce the colour/white pattern exactly, using as few folds as possible. The target number of folds is shown in brackets by each pattern. Don't forget there are no rules, so you can start using diagonals, fifths, thirds, quarters, anything you want! Several other combinations of the nine available squares are possible....

There are no prizes available, but it's a lot of fun!
Sunglasses

works with other rectangles - adjust starting size to suit head!

If your head is too big(!) either use a larger rectangle, or fold a square as shown - this will create a thicker frame.

SUNGLASSES
© Nick Robinson
Please print and use these diagrams freely for personal or educational use. We do ask that you obtain permission before making any commercial use of them. Copyright of the designs belongs to the original creator, although with simple designs, it is highly likely that many people develop the same fold independently. If you have any suitable creations, drawn to a high standard, please let us know.
Boat
Nick Robinson
adapted from traditional

1. Fold the paper in half.
2. Fold both layers.
3. First layer only.
4. Turn the paper over.
5. Fold all corners in.
6. Fold in half.
7. Open out and flatten.
8. Fold tips under.

This design can also be used as a hat if you make it big enough!
start with a napkin or square

There are many origami folds that work well with paper napkins. This napkin server is great for children’s parties!

Fold the sides behind, they will overlap slightly

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1. Fold the corners to the centre crease.

2. Fold in half.

3. Fold in half.

4. Swing both flaps down.

5. BANG!
The hidden geometries of origami are surely the key to its fascination. The appeal of this simple design (for me) is the surprise of producing a unlikely cross from such familiar creases.
1. Start with diagonals.

2. The corners pop out from underneath.

3. Repeat on the other side.

4. Gently open the paper into 3D.

5. Shape the corners.

Crown traditional
Simple Models

Tumbling Man
Seiro Takekawa

Place the fold with the thicker edge on top, tip it over with your finger & it will turn a somersault. Let your friends try it with the thinner end upwards - it won’t work!

fold both sides in at right angles
Cut a square from an A4 rectangle and use the bit left!

This simple shirt makes a great party invitation!

Gently reinforce the centre crease so it will stand.
I have a fascination for heads & masks, this one is aimed at children, so they can make the creases almost anywhere and fill their own features in.

Face
© Nick Robinson
Start with A4 or similar

repeat on other side

swing to the left, also underneath

Picture Frame
Larry Hart

squash gently

open first layer

crease around & remove photo

reinsert photo

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Sailboat
traditional

Open the central pocket and press the sides together

This design is the symbol of Origami USA

Tuck the small sail inside the boat. Fold the base behind to make a stand
Hedgehog
Tony O'Hare

1. Fold the paper in half vertically.
2. Turn the paper over and fold the corners to the center point.
3. Fold the paper in half horizontally.
4. Fold the paper in half vertically.
5. Fold the paper in half diagonally.
6. Fold the paper in half diagonally again.
7. Fold the paper in half diagonally once more.
8. Fold the paper in half diagonally again.
9. Fold the paper in half diagonally once more.

shape the body by folding the corners in on both sides.
fold the point inside also.
fold the nose inside.
Bookmarks
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I enjoy creating simple yet practical designs. These bookmarks are not unique, but I (re)discovered them, which for me is the main point. Made big enough, they can be worn as hats!
Duck
Edwin Corrie

1. Fold the paper in half diagonally.
2. Fold the other half.
3. Check the next step.
4. Open the paper.
5. Reverse the tail.
6. Swing open & flatten the centre.
7. Fold front and back.
8. This design is a surprise until the very last step!