**how to make a volcano model**

Creating a volcano model and making it erupt is a funny science experiment that teaches children about chemical reactions. There are several variants of this experiment. You can make a volcano of dough, foam or paper mache. The eruption of the volcano can be made with the help of soda and soda water.

1. Buy 2 liters of soda water.

2. Make a tray of cardboard and cut out the hole in it with the size of a two-liter bottle.

- Take a thick cardboard to make the tray.

- You can also add up a few pieces of carton together for a stronger foundation.

3. Put the bottle in the carton. Cover the bottle with aluminum foil on top.

4. Buy a bottle of insulating foam against cracks. The spray which solidifies after application will be the best variant.

- You can try «Great Stuff Insulating Foam Sealant».

5. Apply the spray around the bottle to make a mountain. Once you build up a base, let it dry.

6. Paint the dried foam when it hardens.

7. Unscrew the cap of the bottle with soda water. Place a small piece of paper on top.

8. Make a cylinder from another sheet of paper. Put there 4 «Mentos» candy dots.

9 Prepare your viewers for the eruption. Quickly remove the paper from the neck of the bottle. The candy dots will drop into the bottle, and the eruption begins.

- Porous surface of «Mentos» cause the rapid formation of carbon dioxide. This chemical reaction produces foam.

- Remove the bottle from the bottom, insert a new bottle and repeat the experiment.

To create a bookmark, you can use paper, cloth, leather, jewelry, yarn, staples, and so on. You can attach fabric remnants or old jewelry that you do not want to throw away, as you do not need a lot of material for the work. Create a bookmark with your children - it will not only help them to develop the skills for manual work, but also will show them the need to respect books.

Creating a pompon bookmark

A charming bookmark with a fluffy pompon will please both you and the children - they will be happy to help you make it. This little fluffy ball will create a tender smile on faces of people who will receive this bookmark, and will remind them of you.

 You need:

Yarn;

Scissors.

Before you start making pompons, cut two threads 20-25 cm and 38 cm long from the yarn and put them aside - you will need them later.

1. Take the end of the thread in one hand and start to wrap it around the folded fingers of the other hand. Make about 90-100 turns – do not tighten the thread too much.

2. Cut the thread and carefully remove the resulting skein with fingers. Wrap the middle of a skein with a thread (20-25 cm long), fasten it tightly and tie a knot.

3. To make a "tail" of the bookmark, take a long thread (38 cm) and tie it to a thread, by which you have just wrapped a skein.

4. Now take a skein and begin to cut these loops by threading a pair of scissors into a loop of yarn. Do not forget to constantly rotate the skein. You should get a fluffy pompon, which you should "cut" now.

5. Use scissors to trim the pompon, giving it a neat round shape. Try not to cut the "tail" of the bookmark.

Regularly rotate the pompon and crop the excess threads on all sides, until you are satisfied with the result. Even children can make this bookmark. A book with a handmade bookmark can be a great gift to your favorite teacher.

**how to make a hot air balloon**

In this article, you will learn how to make paper mache from the air balloon. The child will receive a lot of emotions and impressions from the process, and then he will be able to play independently with this craft.

You will need:

- Balloon;

- Hand cream;

- A box of tea bags;

- Colored paper;

- Scissors;

- PVA glue;

- The newspaper;

- Brush for glue;

- A water tank;

- Gouache paint;

- Brush for paints;

- Wire or thread.

Instructions:

1. Take the newspaper or any paper, but not thick. Tear it into pieces, which are then dipped in a water tank.

2. Take a balloon of any color. Inflate it and lubricate it with hand cream.

3. Put the soaked pieces of the newspaper on the hand cream layer. Do it without glue and along all the surface of the ball, so that there are no gaps. Only a small area near the tail of the ball is not pasted.

4. Now cover the whole ball with glue and lay the next layer of paper. Repeat the process for 3 or 4 times.

5. Let the ball become dry, preferably near the heat source. It will take about two hours.

6. During the drying process, let us make a basket for the balloon. Take a box pack from tea bags, cut off its cap and cover the entire surface with colored paper. You can also cover or paint the interior of the box with gouache paint.

7. When our balloon is completely dry (all layers of the paper should be thick), blot it with the mixture of gouache and glue. Let the child choose the color of the ball.

8. After that, gently pierce the ball - it will come off from newspapers inside.

9. The resulting ball can be decorated with colored stripes, or you can leave it with the same color.

10. Now put the basket to the ball.

Such a creative balloon can be hung to a chandelier or on a ledge in the children’s room. If it is warm outside and there are trees in your yard, you can make a parade of balloons of various colors and sizes. Even your neighbors will not remain indifferent!