

P2

In this activity, you will compare the strength of different magnets. [Include information about types of magnets?]

P3

In the Carlos Museum we use magnets to hold some of the art on the walls. This mola is a picture made with layers of colored cloth. Do you see the turtle? We hang the mola on the museum wall by placing small magnets between the layers of cloth. You don't even see the magnets hidden behind the cloth!

P4

This paper map is printed on 12 separate sheets of paper. Each sheet is held to the wall by strip magnets. (click to show frame) The magnets are hidden under the mat and frame.

P5

What did you discover about your magnets?
(Students may mark answers on worksheets.)

P6

Students will answer these questions on their worksheet

P7

(Teachers may need to edit magnet and materials descriptions in table.)
Which magnets can hold which materials? Let's do an experiment to find out. Scientists do experiments to learn about materials. They record the results of the experiments. Let's be scientists and record the results of our magnet experiments on a data table. Test each magnet with one of each shape:

Mark a check in the box if the magnet holds the shape.

Mark an X in the box if the magnet does not hold the shape (the shape falls off the board).

Let's compare our results:

Which magnet can hold all of the shapes?

Which material can be held up by only one magnet? Which magnet worked for that material?

(students may record results on their worksheets.)

P8

Week 2: Last week we looked at how artwork is hung using magnets at the Carlos Museum. This week we will make our own artwork to hang in our classroom gallery.

P9

Here are some examples of works on paper from the Carlos Collection

P10

Here are some examples of textiles from the Carlos Collection. Create your own paper and textile artwork. When you finish, measure the thickness, width, and length of each artwork and record it in your worksheet.

P11

Create your own paper and textile artwork. When you finish, measure the thickness, width, and length of each artwork and record it in your worksheet.

P12

Week 3

P13

Remember the two works of art from the Carlos Museum that were hung with magnets? Notice how they use two different types of magnet. Why is that? With artwork, we need the magnet to be strong enough to hold it, but gentle enough to not damage it over time. Test each type of magnets with a piece of foam to see the effect of each magnet over time on a squishy material.

P14

Now decide which magnet you will use for each of your artworks and create your classroom art gallery. On your worksheet, explain why you chose to use that magnet type.