My Magnets Journal



Magnet Explorations

What I Know About Magnets:	
What I Want to Know About Magnets:	

Which Objects Are Pulled by a Magnet?

Make your prediction by circling Y (Yes) or N (No). Test your object and put a checkmark in the correct column.

Object	Will the Magnet Pull it?	Pulled by Magnet	Not Pulled by Magnet
Marker	УМ		
Post-It Notes	УN		
Eraser	УN		
Binder Clip	УN		
Scissors	УN		

Which Objects Are Pulled by a Magnet?

Make your prediction by circling Y (Yes) or N (No). Test your object and put a checkmark in the correct column.

Object	Will the Magnet Pull it?	Pulled by Magnet	Not Pulled by Magnet
Plastic Spoon	УΝ		
Small Wooden Stick	УΝ		
Tongue Depressor	УN		
Paper Clip	УΝ		
Plastic Lid	УΝ		
Bottle Cap	УΝ		
Glass Blob	УΝ		
Key	УΝ		
Key	УΝ		
Cotton Ball	УΝ		
Block	УΝ		
Packing Peanut	УΝ		
Paper Fastener	УΝ		
Rubber Band	УΝ		
Staples	УΝ		
Penny	УΝ		
Nickel	УΝ		
Nail	УΝ		
Nail	УΝ		

Where Are Magnets the Strongest?

	The place where the magnet is the strongest is called its "poles".
	There is a "north pole" and a "south pole" in each magnet.
Where ar Label the	e the poles on this magnet? poles.
	loes the magnet have the strongest pull? hat you learned:

Write what you learned:	

Where Are the Poles?

Your Job:

- Test two different types of magnet.
- Draw each magnet.

After experimenting with your magnets, label the poles (N or S) on your drawings. Write a "W" where the magnets are the weakest.

Magnet 1:	Magnet 2:
How did you find the poles of the magn	ets?

Do All Magnets Have the Same Pull?

Work with a partner and ex	kperiment with 3 magnets.	
Draw and label the types o	f magnets you chose to use.	_
 strongest to the weal Put a number 1 in the Put a number 3 in the Put a number 2 in the 	are going to put the magnets kest. box with the weakest magne box with the strongest mag box with the middle-streng	ct. net. th magnet.

How Do We Use Magnets?

I hink about the ways we use magnets.
Work with your group to list as many uses as you can think of.
Don't forget to think about things you have around your house!
Ways We Use
Magnets



Magnets

Magnets attract.
That's a fact.

Things like nails
And metallic pails.

Magnets attract.
That's a fact.

Things like cars And lids on jars.

Magnets attract.
That's a fact.

Things like pins And cookie tins.

Magnets attract.
That's a fact.

Nan	1e
Ma	ignet Unit Assessment
1.	Name 2 things that are attracted to a magnet.
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• • • • •	
2.	What must an object contain in order to be attracted to a magnet?
3.	Name 3 properties of magnets.
• • • • •	
•••••	
•••••	
4. 1	Name a material that a magnet can attract through. How do you know?
••••	
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_	

5. Label the poles on the magnet below with N for North and S for South. 6. Where is the magnet the strongest? 7. Where is the magnet the weakest? 8. When two magnets are pulled together, we say they_ 9. When two magnets are pushed apart, we say they 10. Look at the magnets below. If you think the pair of magnets will repel each other, circle "repel". If you think the pair of magnets will attract each other, circle "attract". repel attract attract repel Circle: 11. Name two ways we use magnets in our everyday lives.