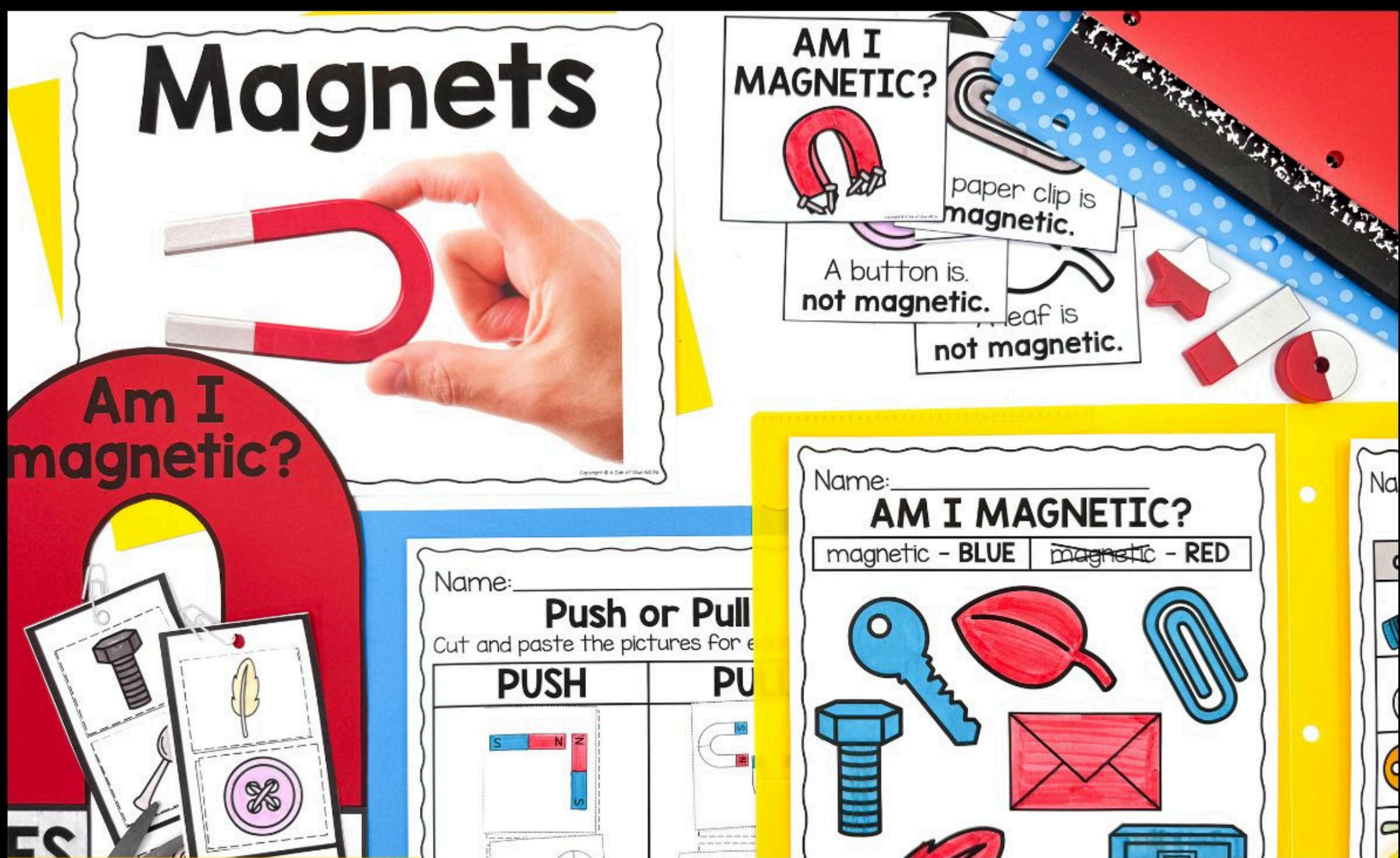


MAGNETS

A SCIENCE UNIT

Students will love learning all about
MAGNETS!



scroll
to take a
peek
inside

PRE-K **221 PAGES**

Here is what is included:

- ✔ Weeklong lesson plans
- ✔ PowerPoints and printable posters
- ✔ Magnetic or not sorts and activities
- ✔ Attract or repel lesson and activity
- ✔ Magnetic force lesson and activities
- ✔ Game, hats, crafts, and mazes
- ✔ Emergent readers and writing center
...and SO much more!

Here is a Sneak Peak:



Engage your students in hands-on learning and exploration all about magnets!

Take a Closer Look:

MAGNETS



Magnets are all around us. They are in our toys, cars, refrigerators, and more.



powerpoint

MAGNETIC HUNT ACTIVITY
Students can go on a scavenger hunt around the classroom to find things that are magnetic.

SUPPLIES

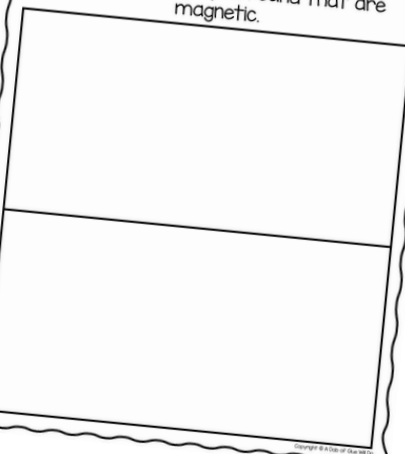
- Magnetic wands or large magnets
- Recording sheet

DIRECTIONS

- Give students a magnetic wand or large magnet.
- Instruct students to travel around the classroom and test their magnet on different surfaces and objects to see what is magnetic.
- Students can draw/write down the magnetic item that they find.

Name: _____



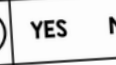


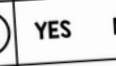


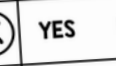


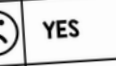


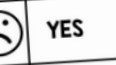


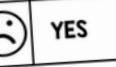
MAGNET HUNT
Draw two things you found that are magnetic.



scavenger hunt










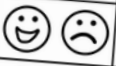


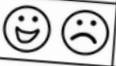











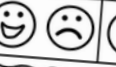


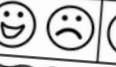
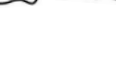

Name: _____

Am I Magnetic?

object	prediction	Result (circle)	YES	NO
	 			
	 			
	 			
	 			
	 			
	 			

Name: _____

Am I Magnetic?

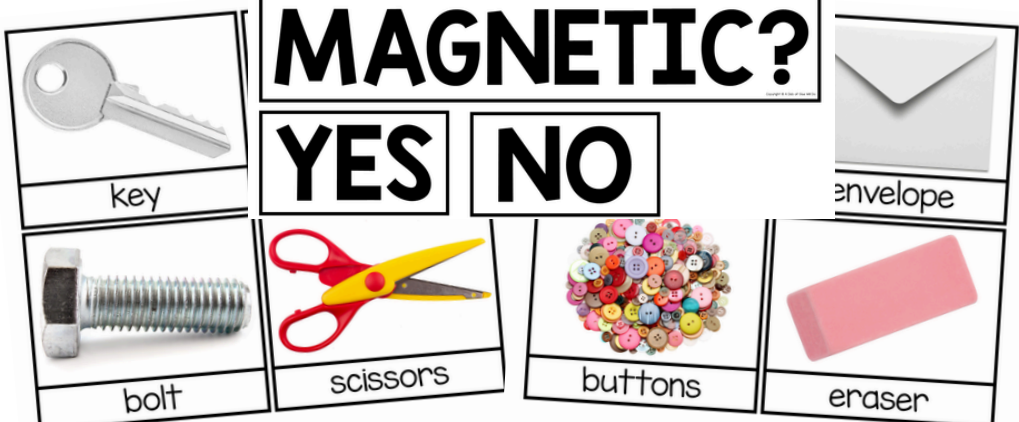
object	prediction	result
	 	 
	 	 
	 	 
	 	 
	 	 
	 	 

prediction activity

AM I MAGNETIC?

YES **NO**

NOT MAGNETIC



key envelope
bolt scissors buttons eraser

magnetic sort

Am I magnetic?



YES NO

am I magnetic craft


Name: _____

AM I MAGNETIC?
Cut and paste the pictures for each group.

MAGNETIC	NOT MAGNETIC

Name: _____

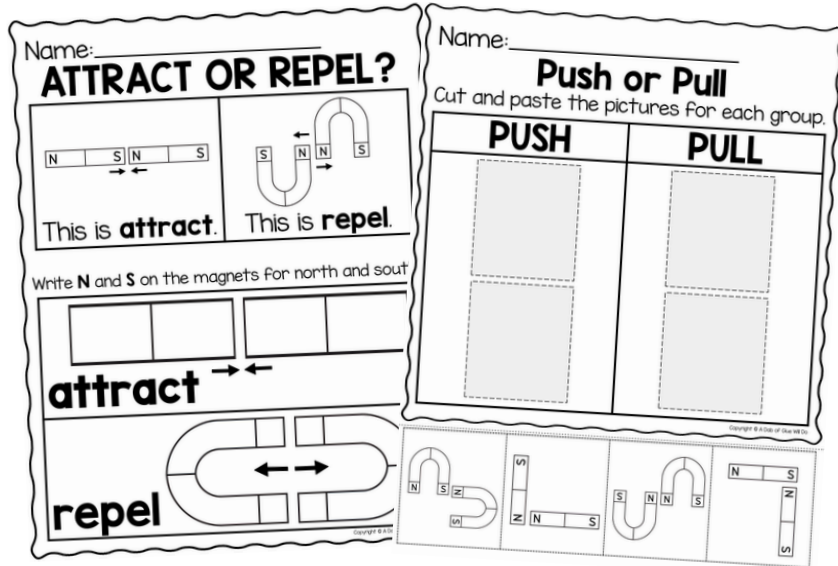
AM I MAGNETIC?
magnetic - BLUE magnetic - RED



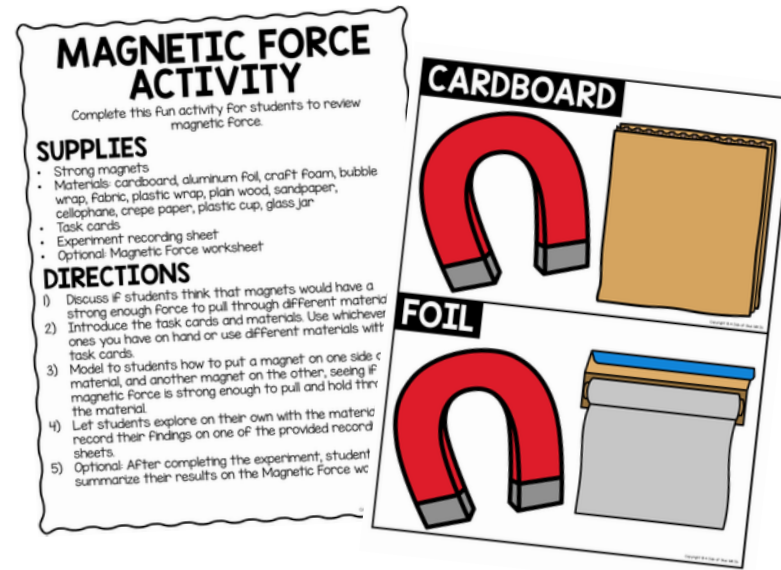
key leaf paperclip
bolt envelope eraser
feather coin cabinet

sort worksheets

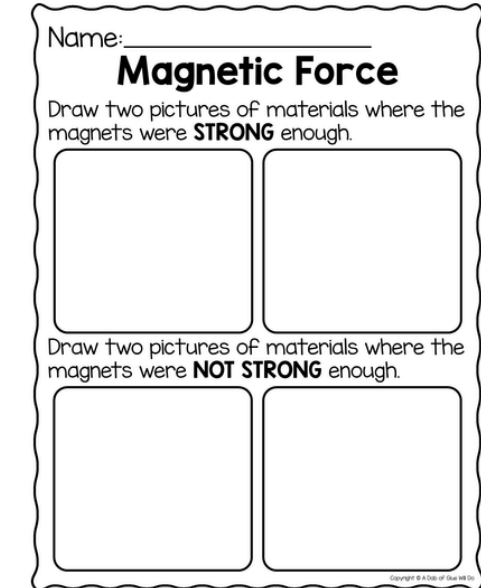
Take a Closer Look:



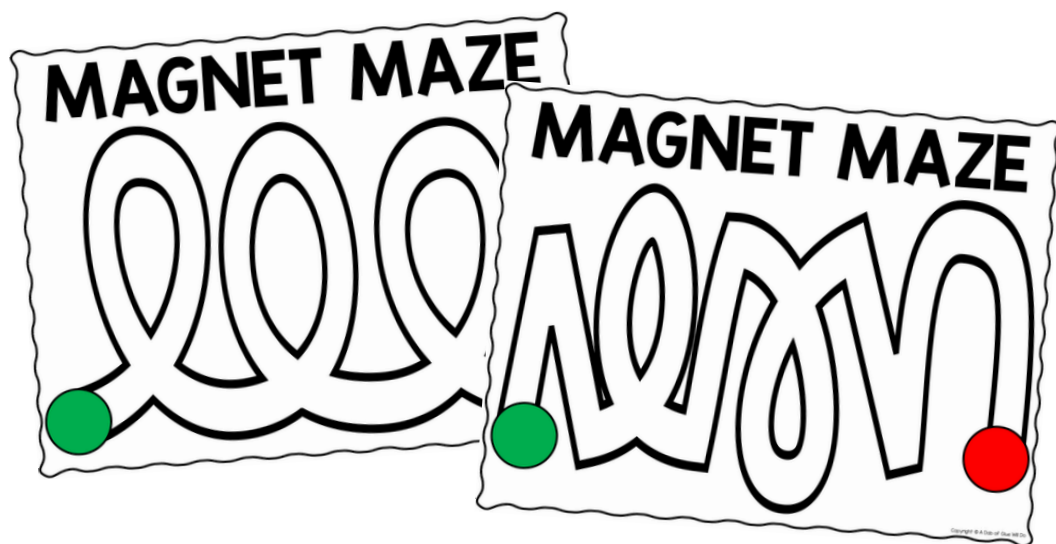
attract or repel



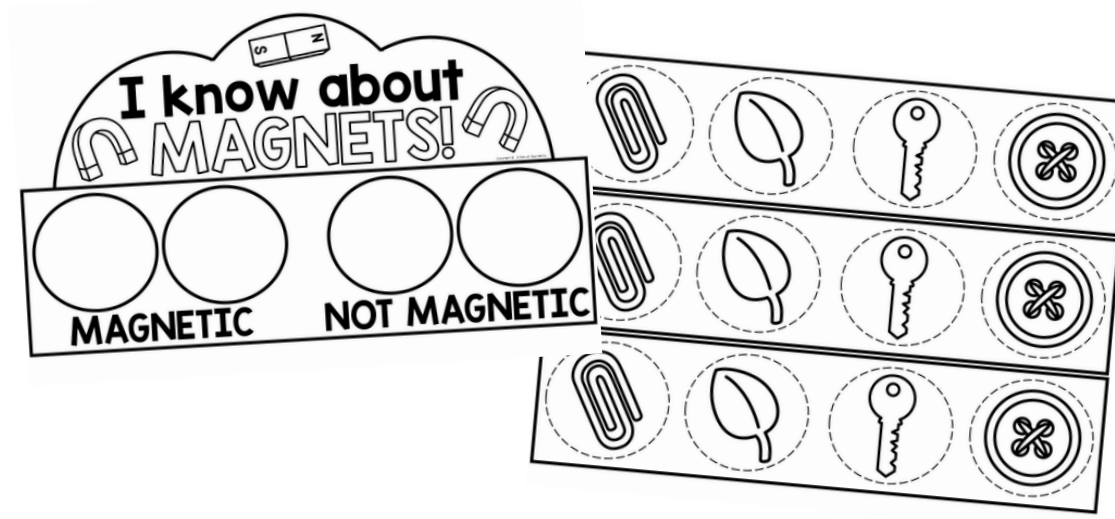
magnetic force activity



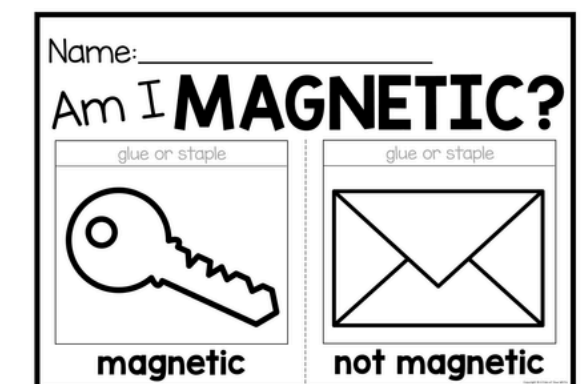
force worksheet



magnet mazes



magnet hat



magnetic flipbook

Take a Closer Look:

MAGNETS science

MATERIALS needed

- Magnet books (see list)
- Construction paper
- Copy paper
- Glue
- Scissors
- Magnets
- Magnetic objects
- String

M Monday	MAGNETS INTRODUCTION -Introduce magnets by completing the magnets PowerPoint. -Answer question of the week. -Complete the magnetic scavenger hunt. <i>Each day please see our selection of magnet songs, books, and videos!</i>
T Tuesday	MAGNETIC PREDICTIONS -Read a book about magnets. -Review magnets PowerPoint. -Complete the magnetic or not prediction activity.
W Wednesday	MAGNETIC OR NOT -Read a book about magnets. -Review magnets PowerPoint. -Complete the magnetic or not sort as a whole group. -Complete Am I Magnetic craftivity or worksheet.
Th Thursday	ATTRACT OR REPEL -Read a book about magnets. -Review magnets PowerPoint, making sure to revisit the slides on the north and south poles of magnets. -Complete the attract or repel demonstration and activity. -Complete the attract or repel worksheet.
F Friday	MAGNETIC FORCE -Read a book about magnets. -Review magnets PowerPoint, revisiting the slides about the magnetic field. -Complete magnetic force activity. -Complete magnetic force worksheet.

science: MAGNETS

Dear Families,
We are learning all about magnets in the classroom this week. We will be exploring how magnets work and what types of objects are magnetic. These activities will be engaging and hands-on. Ask your child to share magnet facts with you this week!

At-Home Activity:
To learn about magnets at home, walk around the house with your child and look for magnets or magnetic items. Maybe you have fridge magnets, magnetic blocks, etc. Let your child explore the items that you find. You can also do a fun experiment if you have magnets at home. To make a magnet-powered car, tape a strong magnet to the top of a toy car and then hold another magnet in front of/or behind the magnet (without touching it) and watch the car move!

TEACHER GUIDE for MAGNETS

MAGNETS

- Magnets are pieces of metal and a certain type of rock that create an invisible field around themselves. This is called a magnetic field and attracts other magnets and certain metals.
- The Force of magnets is called magnetism. It is a basic force of nature like gravity and electricity. It works over a distance, meaning that two objects do not need to be touching for it to occur.
- Magnetism occurs when electrons behave in a certain way. If many of the electrons inside of an object spin in the same direction, their magnetic forces add up to make the object one big magnet.
- Electricity can also create magnets. As electrons move through a wire, they have the same effect as electrons spinning inside of an atom. This is called an electromagnet.
- Every magnet has two opposite ends, called poles. The poles are called the north pole and the south pole. North poles attract the south poles of other magnets and repel the north poles. In the same way, south poles attract north poles and repel other south poles. The magnetic field is the area between the two poles.
- Magnets attract objects that contain steel, cobalt, nickel, or iron.

USES OF MAGNETS

Compasses were one of the first uses of magnets in navigation. A compass is a needle-shaped magnet that will show you which direction is north. The south pole of the compass is attracted to the north pole of Earth, making the compass always point north.

Magnets are also found in cars, trains, buses, and modes of transportation. Magnets are also found in our refrigerators, speakers, and other electronics. Builders and contractors use magnets to hold doors shut and help cabinets drawers close and stay closed. Credit cards have magnets in them. Many kid toys have magnets in them.

lesson plans

at-home letter

teacher guide

QUESTIONS TO ASK for MAGNETS

- How do magnets work?
- Why do some magnets push things away?
- What types of things are magnets in?
- What objects in your house are magnetic?
- What objects in your classroom are magnetic?
- How can you tell if something is magnetic?
- What does it mean to be magnetic?
- What is a magnetic field?
- What are other invisible forces?
- Do magnets push or pull?
- What can magnets help us with?
- How many poles does a magnet have?
- Why can't you connect a magnet's north pole to another magnet's north pole?
- What will happen if you put a magnet's north pole near a magnet's south pole?
- What do you like about magnets?

SCIENCE talk

How would you know _____?
Why do you think that _____?
What else might have caused _____?
How can you explain your findings? Recall in your own words.
How was it different than _____?
How will you know if _____?
Do you think you could _____?
How did you decide _____?
Can you tell me about that?
How does that work?
Can you draw me a picture of your findings?
What will happen if _____?
What do you think is most important?
What happened when _____?
What would you change if _____?
How is this similar to something else you know?
Can you think of another way _____?
Create a new solution.
How would you handle this problem/challenge/question?

science questions

SCIENCE CENTER for MAGNETS

GETTING STARTED

Fill your center with lots of fun and engaging materials that your students can use to investigate and explore magnets. Suggested materials include: nonfiction books about magnets, vocabulary cards, magnets, magnetic items like paper clips and bolts, clear mason jar with cover, etc. Students can place magnetic items like paper clips inside the mason jar and place a magnet on top of the cover to see if they can pull the paper clips up. Encourage students to explore with the materials!

SHARING TIME

- Have the students who went to the science center that day tell the class what they discovered or observed and any questions they may have. We have a list of open-ended questions in this unit.
- If a child makes an exciting discovery in the science center, you can ask classmates to join you near the science center so your little scientist can share their findings and enthusiasm in just a short minute or two.
- Use a sign or chant that designates it is time for the kids to congratulate the scientist and return to their center. It can be as simple as a fist bump, high five, thumbs up, or a saying like, "Good Job, Good Job, Hey!
- Your student's enthusiasm in the science center will entice others to go there tomorrow.

science center

MAGNETS SONGS

To help with the planning of your Magnets Unit, we've curated a list of our Favorite magnets SONGS!

MAGNETS BOOKS

To help with the planning of your Magnets Unit, we've curated a list of our Favorite magnets BOOKS!

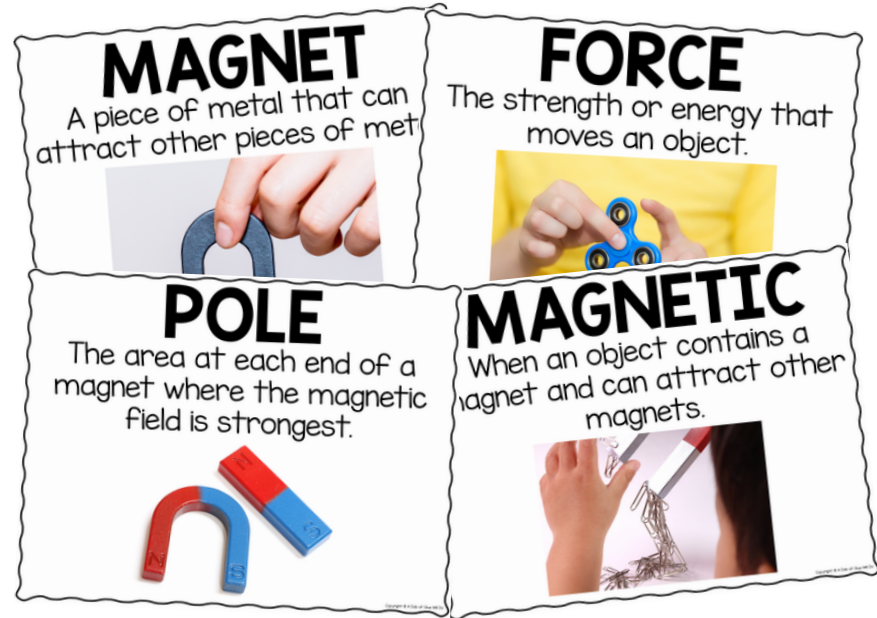
Click on a picture to be taken to the book on Amazon.

MAGNETS VIDEOS

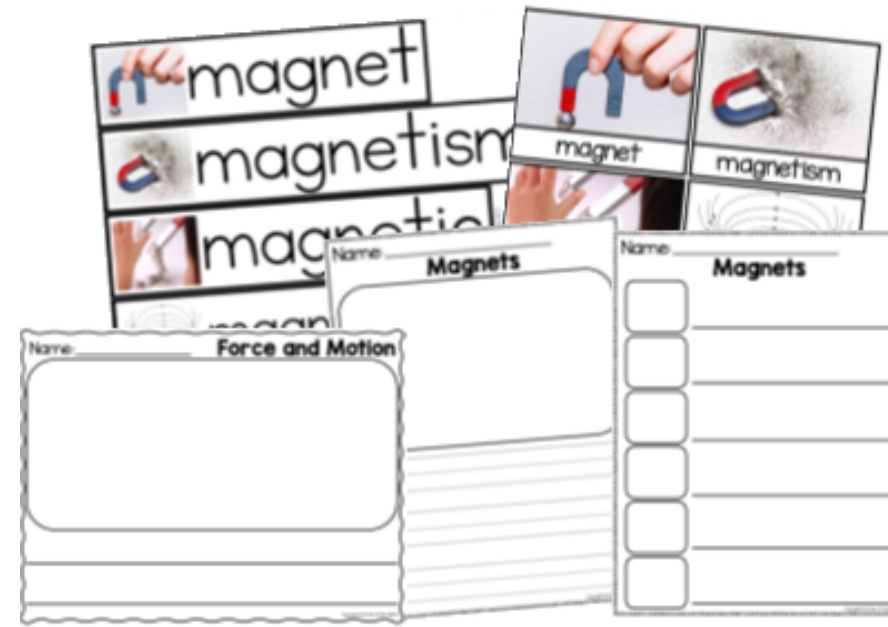
To help with the planning of your Magnets Unit, we've curated a list of our Favorite magnets VIDEOS!

resource lists

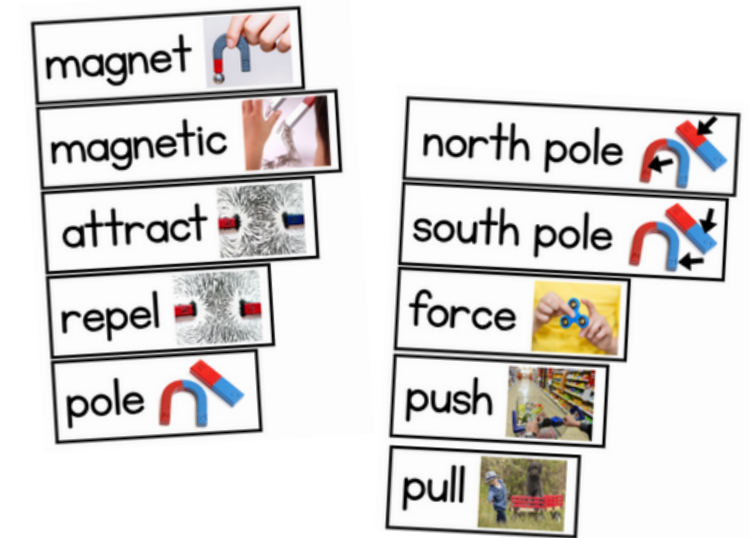
Take a Closer Look:



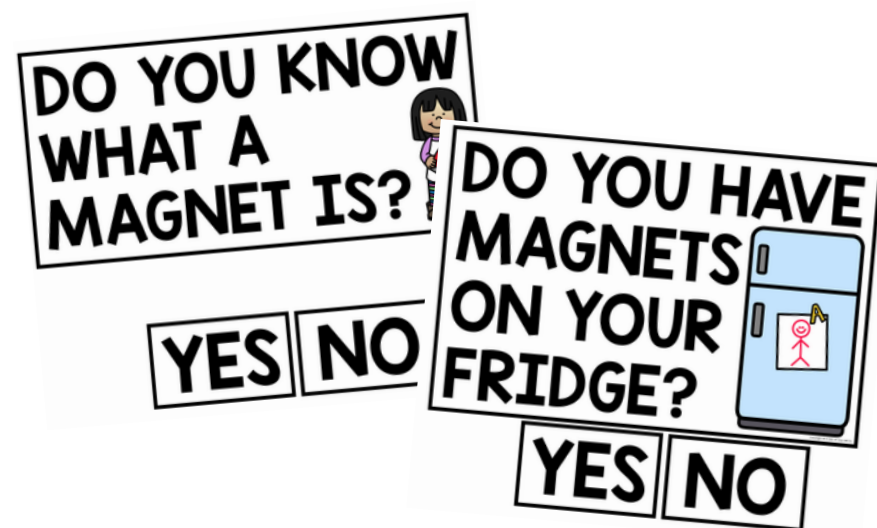
definition posters



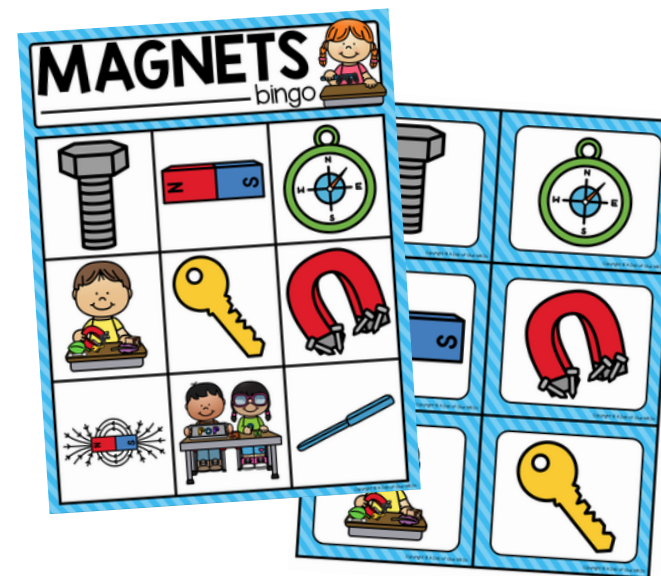
writing center



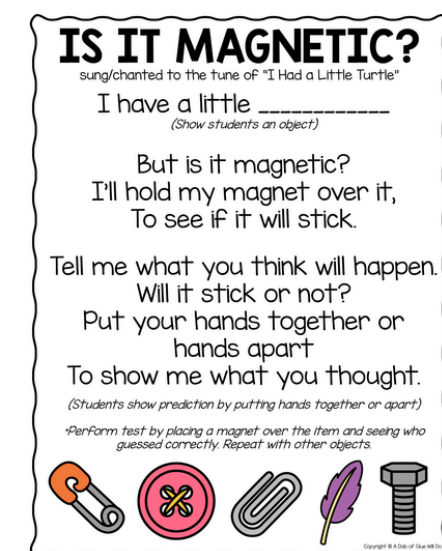
word wall



weekly questions



magnets bingo



fingerplay

Take a Closer Look:



magnet painting

MAGNETS SENSORY BIN
Students can explore magnets with this fun, hands-on sensory bin.

SUPPLIES

- Sensory table, tray, or bin
- Dyed rice or other base item like beans, pom poms, etc.
- Magnetic wands or magnet horseshoes
- Magnetic materials like paper clips, pipe cleaners, nuts and bolts, jar lids, etc.

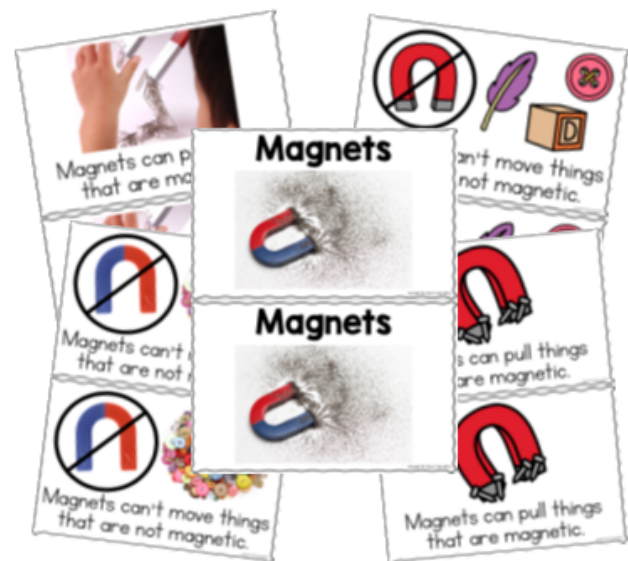
DIRECTIONS

- 1) Fill the table, tray, or bin with the rice or other base material.
- 2) Place magnetic wands/horseshoes and the magnetic items in the bin.
- 3) Encourage students to play and explore!

sensory bin

AM I MAGNETIC? A hand is not magnetic.	 A key is magnetic.
 A button is not magnetic.	 A paper clip is magnetic.
 A leaf is not magnetic.	 A bolt is magnetic.

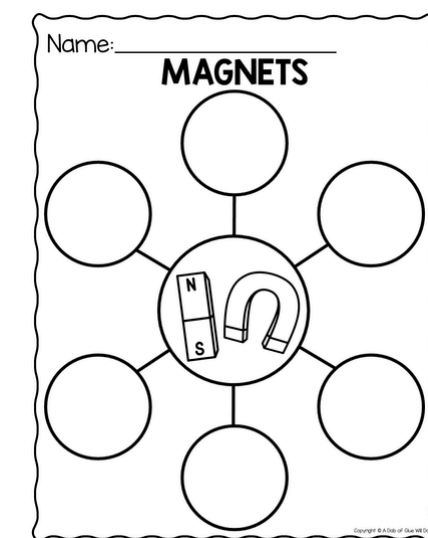
magnetic mini book



magnets reader



magnetic reader



and so much more!

Why Teachers LOVE it:



OPTIONS

- ✓ Variations for differentiating
- ✓ Printables in color and B&W



EASY TO USE

- ✓ Teacher Guide
- ✓ Lesson Plans
- ✓ Cross-curricular activities



ENGAGING

- ✓ Real Pictures
- ✓ Experiments
- ✓ Hands-on Activities



What Teachers Are Saying



“The magnets unit was simple to use and full of hands-on exploration. The activities encouraged curiosity and discovery!”



“I love these science units. Everything you need: lessons, books, videos, student activities, hands on activities. So easy to print and go!”



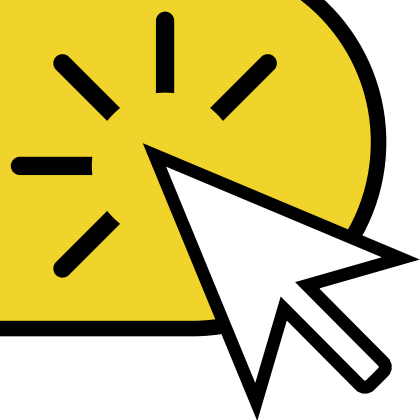
“Loved this engaging resource. Students loved it as they explored and learned about magnets.”



Buy the bundle and SAVE!

- ✔ Save \$194
- ✔ Get over 40 units
- ✔ Mix of life, physical, and earth science

CLICK HERE



SCIENCE ENDLESS BUNDLE



PRE-K Over 40 units

meet the team

I'm Jennifer... I am the founder and creator of A Dab of Glue Will Do and Dollar Teachers Club. I taught Kindergarten and 1st grade. I have a stash of chocolate in my desk and a Starbucks tea in my hand to keep me going. I love reading and watching my kiddos play soccer and do taekwondo.

jennifer



Here at A Dab of Glue Will Do, our team makes the lives of busy teachers a little easier by creating meaningful classroom resources to engage, encourage, and meet the needs of their little learners.

When you purchase from us, know that you're getting quality products made by teachers, for teachers. Customer service is our top priority, so please reach out to us with any questions or concerns.



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