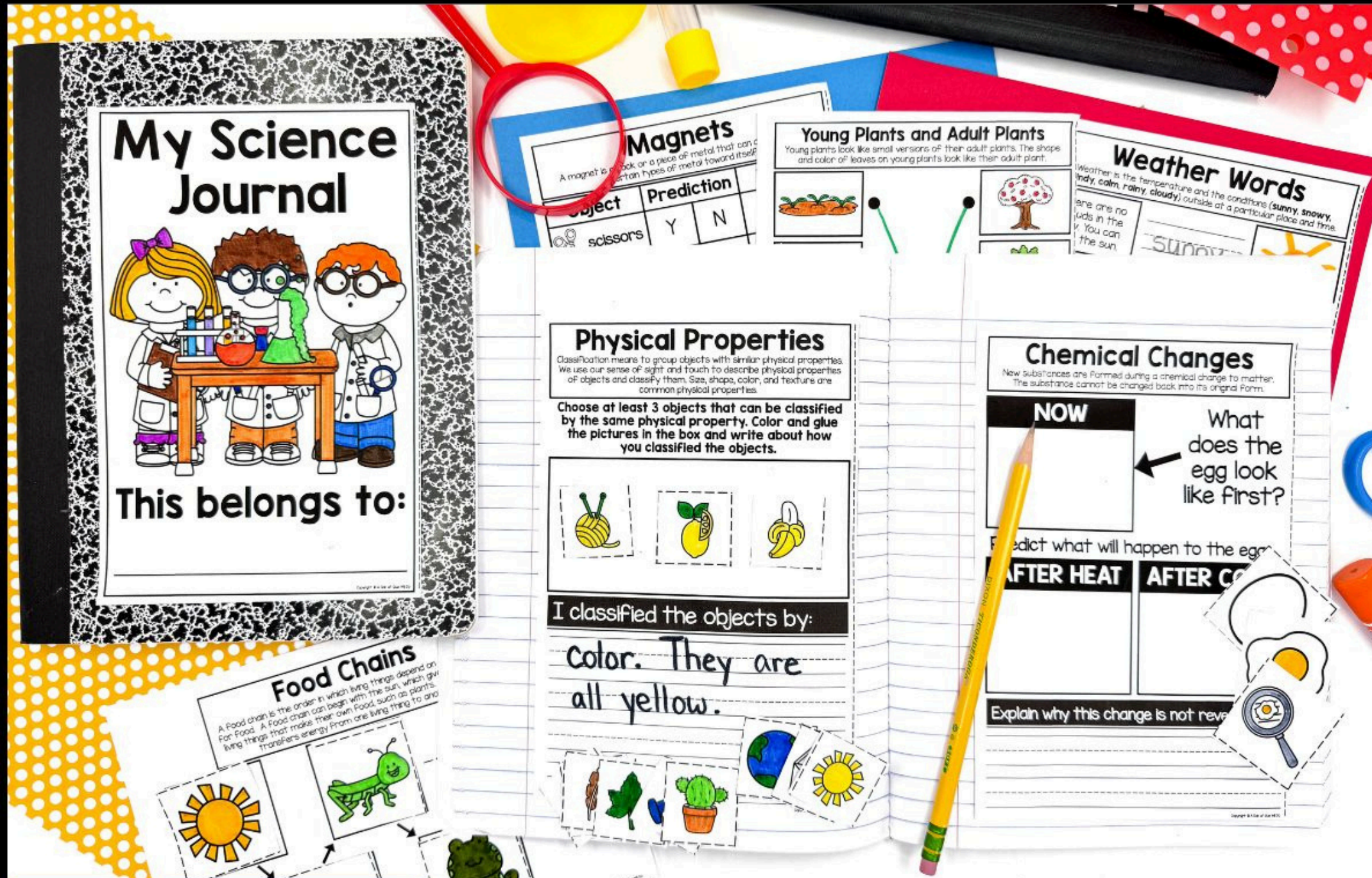


INTERACTIVE SCIENCE NOTEBOOK

The quick & easy
way to cover all
science standards



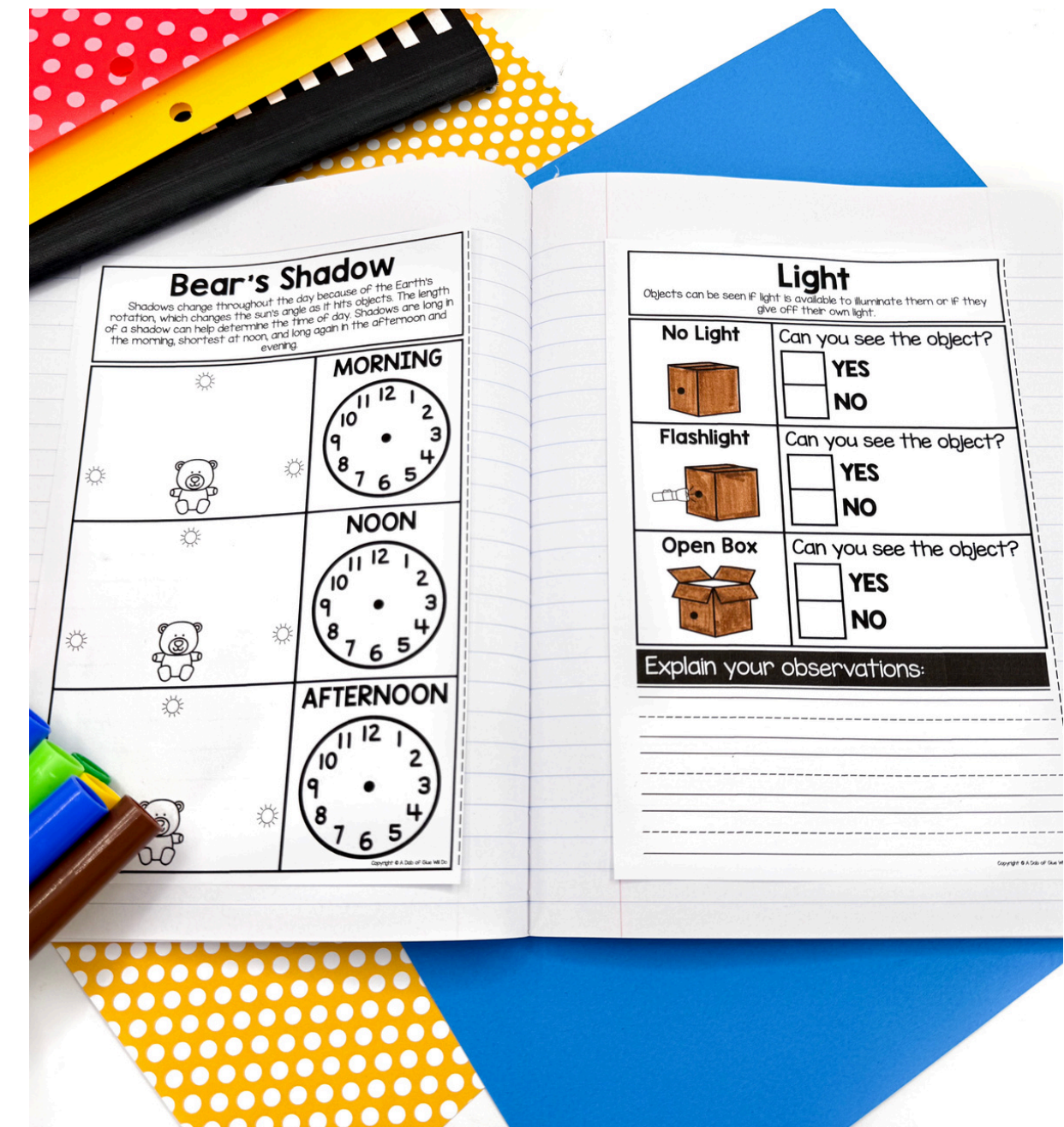
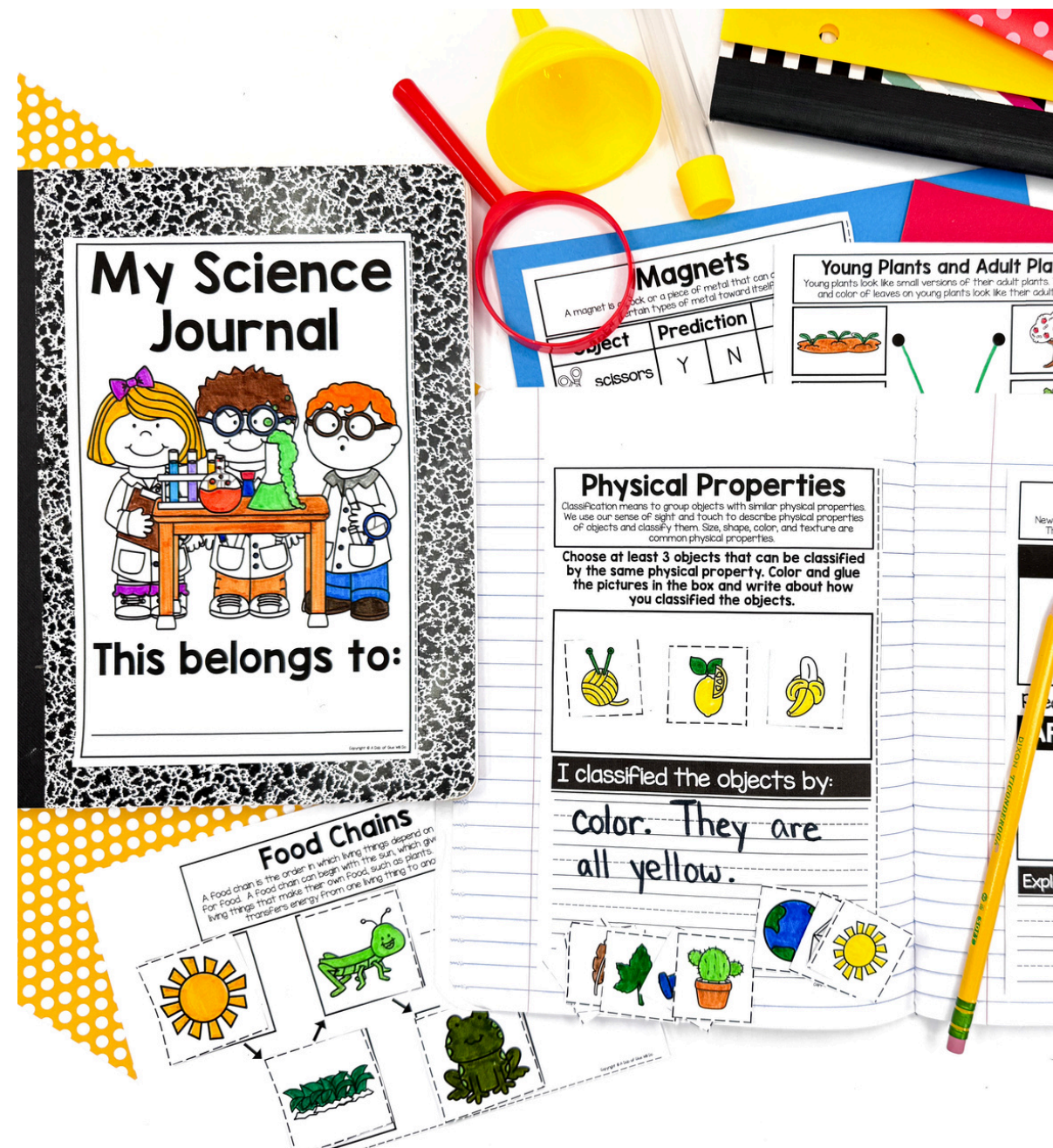
scroll
to take a
peek
inside

FIRST 83 activities

Here is what is included:

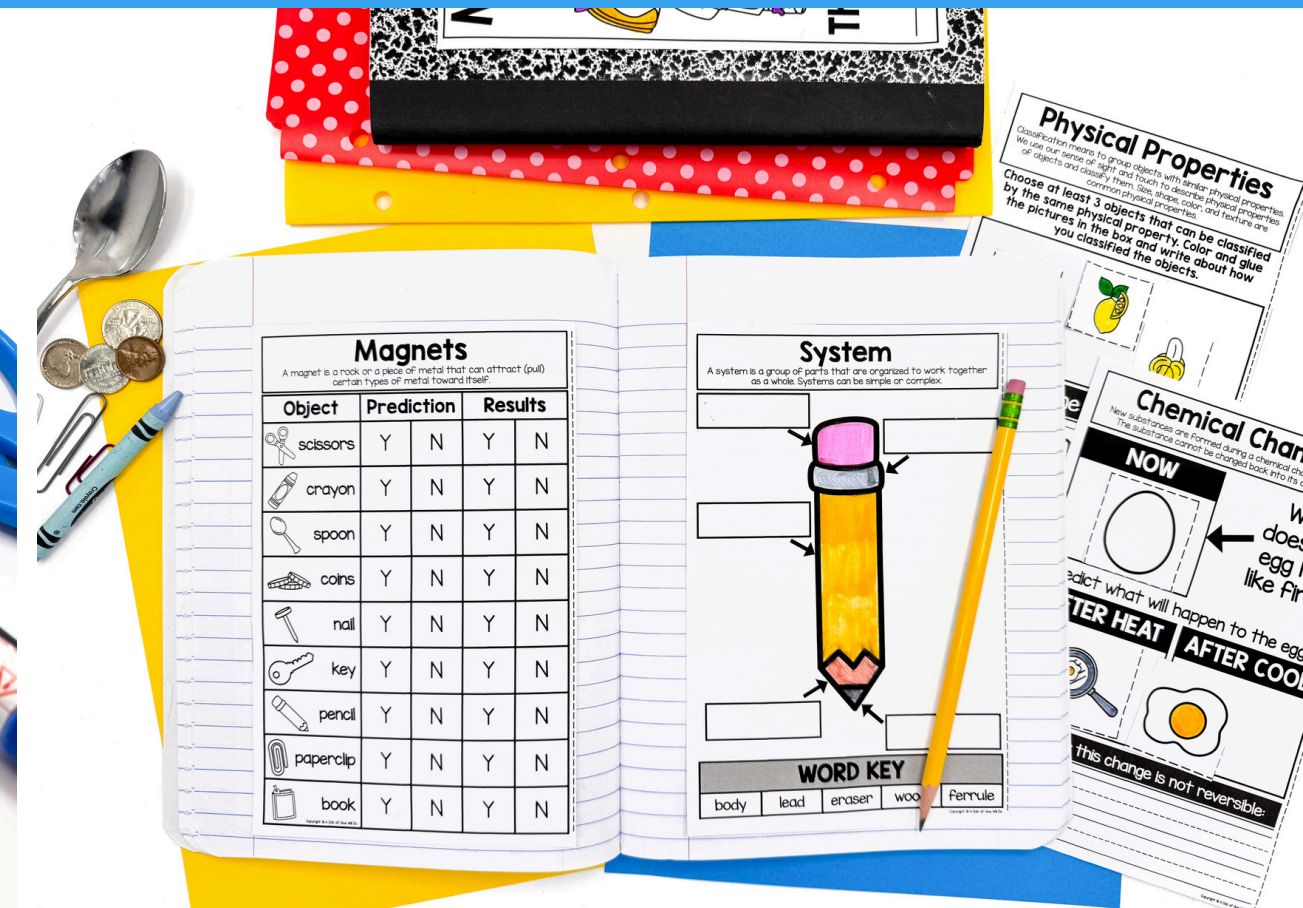
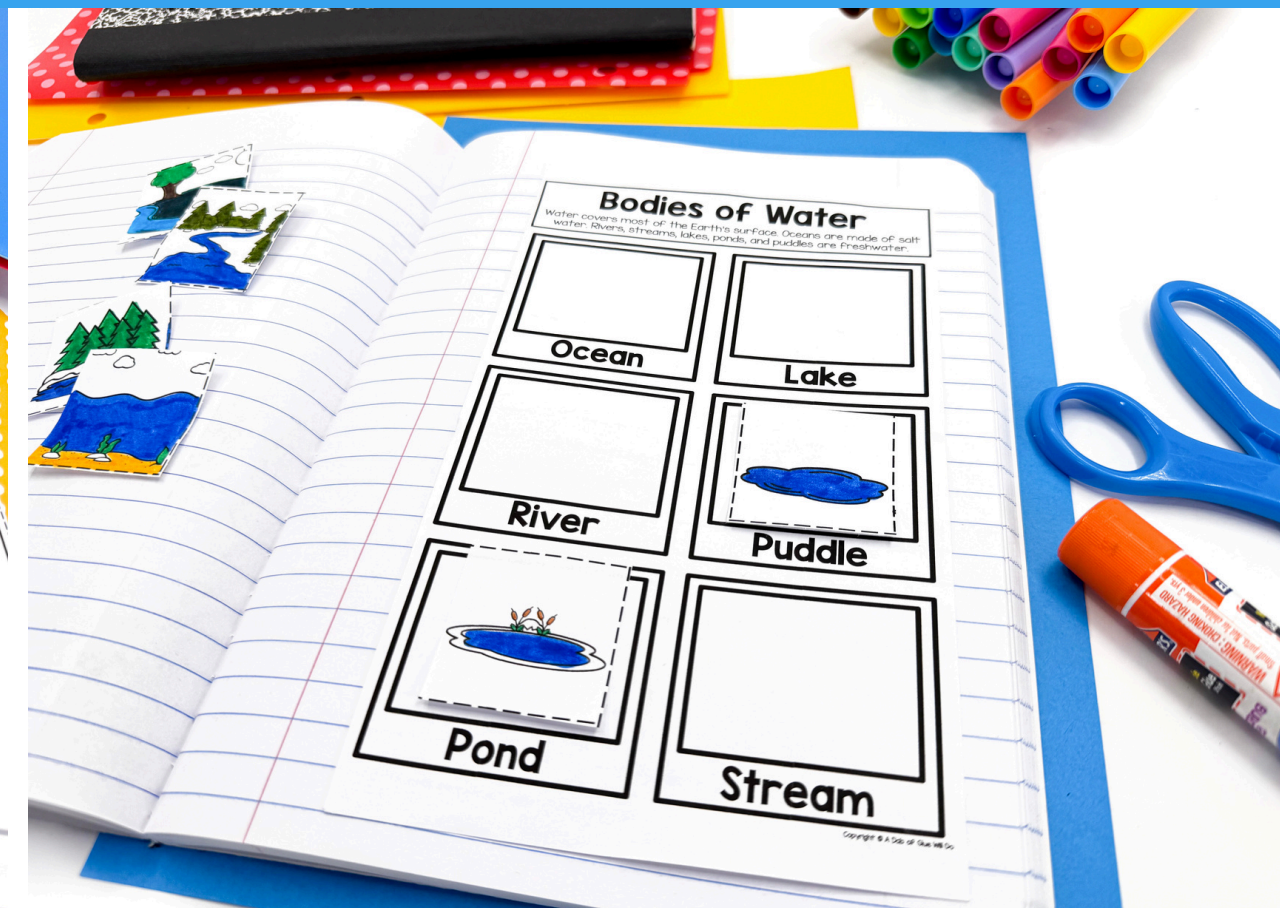
- ✔ Over 80 first grade science activities
 - ✔ Teacher directions page
 - ✔ Cover page and science safety contract
 - ✔ Pages made to fit in a composition notebook
 - ✔ Earth, life, and physical life science activities
 - ✔ Covers first grade science standards
 - ✔ Easy to use, no-prep printables
- ...and SO much more!

Here is a Sneak Peak:



Cover 70+ science topics with your young learners in a quick, engaging, and effective way!

Take A Look Inside:



Take a Closer Look:

Day and Night Pattern
The pattern of day and night repeats every 24 hours. During the day, the sun is out. People go to work or school during the day. During the night, the stars are out. Most people are asleep at night.

Swing System
A system is a group of parts that are organized to work together as a whole. Systems can be simple or complex.
Draw the parts of a swing system:

System
A system is a group of parts that are organized to work together as a whole. Systems can be simple or complex.

Bike System
A system is a group of parts that are organized to work together as a whole. Systems can be simple or complex.
Draw the parts of a bike system:

WORD KEY
body lead eraser wood ferrule

Pushes and Pulls
A force is a push or a pull. Push is a force that moves something away. Pull is a force that moves something forward.

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Pushes and Pulls
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day and night

systems

pushes and pulls

Everyday Heating
We use heat every day in our lives. We need heat to survive.
Draw a picture of yourself and include at least 4 examples of heat being used.

Changes from Heat
Heat is a form of energy that can change states of matter. When heat changes matter from a solid to a liquid, that is called melting. Changes to matter can be physical (reversible) or chemical (not reversible).
Think about an ice cream cone sitting in the sun. Draw what it looks like before and after sitting in the sun.

Before	After

Write about it

Physical Changes
Physical changes caused by adding heat can be reversed. Ice can change from a solid to a liquid and back into a solid. The substance changes back into its original form, and no new substance is formed.

Chemical Changes
New substances are formed during a chemical change to matter. The substance cannot be changed back into its original form.

Draw a chocolate candy bar.

Draw chocolate bar after sitting in the Sun.

Put the chocolate bar in the refrigerator.

Draw chocolate bar after taking it out of the refrigerator.

What does the egg look like first?

Predict what will happen to the egg.

NOW	AFTER HEAT	AFTER COOL

Explain why this change is not reversible:

Weather
Weather is the temperature and the conditions (sunny, snowy, windy, calm, rainy, cloudy) outside of a particular place and time.
Draw a picture of today's weather:

Weather Words
Weather is the temperature and the conditions (sunny, snowy, windy, calm, rainy, cloudy) outside of a particular place and time.

Wind
Wind is the movement of air on the Earth's surface. If there is little to no wind, it's calm. If the air moves slightly, it's breezy. If the air is blowing things around, it's windy.

calm	hot	calm	windy
breezy	lear	icy	rainy
windy	lear	lear	Draw your favorite weather

Write a sentence for

There are no clouds in the sky. You can see the sun.

This weather gets things wet.

The ground is covered in ice, and it is freezing.

The sky is gray and has lots of clouds.

There is little or no wind.

This weather makes things blow all around.

Four Seasons
The cycle of change of the weather is divided into four parts. The four parts are our seasons: winter, spring, summer, and fall. The seasons bring changes in weather and nature.

Spring
Spring brings warmer weather. Flowers bloom. Trees wake up and grow new leaves. Animals come out of their hiding spots. Spring can also bring lots of rain.

Summer
Summer is the hottest season. During summer, the days are long and the nights are shorter. Plants grow.

Winter
Winter is the coldest season. During winter, the days are short and the nights are long. The sky is mostly cloudy and gray with snow.

Fall
Fall brings cooler weather. The days get shorter. The sky may be gray and cloudy with wind and rain. Nature begins to slow down. Animals prepare for winter. Leaves change colors and fall off trees.

My favorite thing to do during Spring is...

My favorite thing to do during Summer is...

My favorite thing to do during Winter is...

My favorite thing to do during Fall is...

changes and heat

weather and wind

seasons

Take a Closer Look:

Soil
Soil is a mixture of minerals (bits of rock) and organic material (living things that have died) that covers much of Earth's surface. Soil has many small spaces called pores. The pores hold water and air.

Examine soil sam with hand lens. D and color soil.

Types of Soil
Soil has observable properties. Topsoil, clay and sand are all types of soil. They each have unique particle sizes, shapes, textures, and colors.

Types of Soil
Soil has observable properties. Topsoil, clay and sand are all types of soil. They each have unique particle sizes, shapes, textures, and colors.

Water and Soil
Topsoil, clay, and sand absorb different amounts of water. Water absorption affects the plants that grow in each type of soil.

Topsoil
Clay
Sand

The best soil to grow a plant is _____ because _____

soil

Water Conservation
Water conservation is the practice of using water wisely and not wasting water. Fresh, clean water is a limited natural resource.

Conserving Water
Practicing water conservation ensures that there is enough available fresh water for future generations. We protect the Earth's water supply by using water wisely and keeping water clean.

What can they do to conserve water?

YES NO YES NO YES NO

YES NO YES NO YES NO

YES NO YES NO YES NO

conserving water

Bodies of Water
Water covers most of the Earth's surface. Oceans are made of salt water. Rivers, streams, lakes, ponds, and puddles are freshwater.

Ocean
Lake
River
Puddle
Pond
Stream

bodies of water

Natural Resources
Rocks, soil, and water are natural resources that people, plants, and animals use to stay alive.

	PEOPLE	ANIMALS	PLANTS
ROCKS			
SOIL			
WATER			

natural resources

Terrarium
A terrarium is a miniature habitat for small plants and animals. Usually, terrariums are made in glass containers so you can see inside.

Living Things
Living things can breathe, eat, grow, move, and reproduce.

Living or Nonliving
A living thing has basic needs. Living things can grow, change, and produce new life. Nonliving things do not have needs, do not grow or change, and do not reproduce.

A teddy bear is _____ because _____

A fish is _____ because _____

A baby is _____ because _____

living things

Basic Needs
Animals have physical structures that help the animal meet its basic needs: air, food, water, shelter, and space. An animal's basic needs must be met so the animal can live and grow.

Basic Needs
Living things have basic needs. They need food, water, shelter, air, and space. Living things can reproduce.

How are the birds' basic needs being met?

basic needs

Take a Closer Look:

Animal Structures

Animals have special physical structures. Each structure has a job to do that helps the animal survive. The different structures that animals have help it live in its habitat.

Moving

Animals have limbs that help them move from one place to another. Limbs can help an animal swim, climb, fly, walk, hop, or run.

How does the physical structure help the animal survive?

Salmon Life Cycle

A fish begins its life cycle as an egg. The egg hatches and is an alevin. Once the alevin has absorbed the yolk sac, it is a fry. The small fry eats on its own. The fry gets bigger and grows scales as a smolt. Finally, the fish is an adult.

WORD KEY
adult, egg, fry, alevin, smolt

Owl Life Cycle

An owl begins its life cycle as an egg. The egg hatches and is a hatchling. The hatchling becomes a young owl who is not yet ready to fly, so it remains close to the nest. Once it is fledging finally, it becomes an adult owl.

WORD KEY
fledging, hatchling, adult, egg, owl

Rabbit Life Cycle

Newborn rabbits are born blind and without fur. The mother feeds the young rabbits her milk. Once the rabbit is 3-6 months old, it is an adolescent. Until the rabbit is 1 year old, it is a teenager. The teenage rabbit becomes an adult rabbit.

WORD KEY
newborn, adult, teenager, adolescent, young

Food Chains

A food chain is the order in which living things depend on each other for food. A food chain can begin with the sun, which gives energy to living things that make their own food, such as plants. A food chain transfers energy from one living thing to another.

animal structures

animal life cycles

food chains

Sound Waves

Sound can make matter vibrate. Vibration means to move back and forth. The movement of vibrating matter is called a wave.

WORD KEY
wavelength, amplitude, crest

Sound

Sound is a type of energy that can be heard. Sound is vibrations that travel through the air. Vibrations that move back and forth quickly. The path of vibrations in the air is called a sound wave.

- When an object moves back and forth quickly.
- Sound travels through the air.
- _____ is made by vibrations.
- Slow sound waves create a _____ pitch sound.
- Fast sound waves create a _____ pitch sound.

WORD KEY
low, sound, vibrates, high, waves

Pitch

Pitch is the way that a noise may sound high or low. Fast vibrations make high pitch sounds. Slow vibrations make low pitch sounds.

HIGH

LOW

Light Behaviors Test

Object	transparent	translucent	opaque	reflective
foil				
glass				
crayon box				
mirror				
baggie				
sunglasses				
cooking oil				
apple				

Communicating with Light

People use a variety of devices to communicate (send and receive information) over long distances.

How does the lighthouse communicate?

Light Travels

Light is a form of energy that makes objects visible to us. Light travels very fast in a straight line. Light travels through some objects. When an object blocks light, a shadow appears.

Draw objects that light travels THROUGH:

Draw objects that BLOCK light:

Shadows

When light is blocked, it makes a shadow.

WORD KEY
shadow, see

We need light to _____.

A _____ is formed when light is blocked.

Draw the shadow.

Bear's Shadow

Shadows change throughout the day because of the Earth's rotation, which changes the sun's angle as it hits objects. The length of a shadow can help determine the time of day. Shadows are long in the morning, shortest at noon, and long again in the afternoon and evening.

MORNING	NOON	AFTERNOON

sound

light

shadows

Why Teachers LOVE it:



ENGAGING

- ✓ Interactive science pages
- ✓ Fun learning activities



EASY TO USE

- ✓ Just print, cut, and go
- ✓ Glue into any notebook



HELPFUL

- ✓ cover kinder standards
- ✓ Prepare for first grade



What Teachers Are Saying



“This was a great supplement to our science curriculum to make sure that I’m teaching all the required standards.” -Hannah C.



“I loved how we could pull one of these out and cover a science topic in just a few minutes. Great resource!” -Parker T.



“My students enjoyed these pages and I enjoyed how simple they were to use! This will definitely improve our science time.” -Beverly N.



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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