

SPECIAL ED

STATES OF MATTER: SOLIDS

ALSO INCLUDES GOOGLE SLIDES

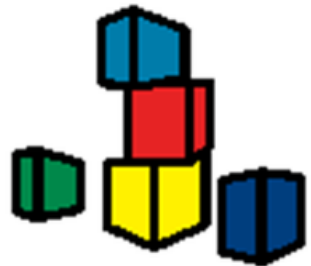




This unit was created with this guy in mind. He has autism and an intellectual disability. He is a non-reader, and loves playing with legos. With some support he is able to do this unit, and enjoys the challenge. He is my tester!!

Solids Unit

By
Christa Joy
Special Needs for Special Kids



Christa Joy, Special Needs for Special Kids
The Picture Communication Symbols ©1981–2018 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

Table of Contents

Pages	Activity
4-5	Vocabulary board
6-9	Circle map
10-13	Sorting Activity
14-18	Coloring sheets
19	Rules of solids
20-25	Quiz
26-27	Terms of Use

Also included in this resource as separate files:

- Lesson plans
- Links and directions to digital activities
- PowerPoint (**this is the books in the lesson plans**)
- Voice recorded PowerPoint
- Activities in black and white

Christa Joy, Special Needs for Special Kids
The Picture Communication Symbols ©1981–2018 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

This unit contains over 50 pages of material. I have included a detailed lesson plan to help you make the most of everything in this unit including how to add some group activities.

This unit comes in 2 files, one in color and one in black and white.

States of Matter Lesson Plan

Preparation

- Print out a vocabulary board for each student to use throughout unit
 - Laminate or place in page protector
- Book
 - Print out, laminate, and bind

Preassessment (do day 1 before starting lesson)

- Choose the form of the assessment that best fits the learning level of your students
- Give the assessment to assess what your students may already know
- I cannot emphasize enough how important this step is. If you want to see growth, this preassessment is so important!!

Teaching Tips

1. *Color Coding*: this is a really easy way to add more structure to a matching activity. Outline or color in an empty box or sorting label. [Outline](https://specialneedsforspecialkids.org/2015/09/05/using-color-coding-for-differentiation/) or color in the corresponding picture symbols the same colors. Becomes a color matching task.
 - a. For more info, read more here: <https://specialneedsforspecialkids.org/2015/09/05/using-color-coding-for-differentiation/>
 - b. I also have a blog post on differentiating one activity 3 ways: <https://specialneedsforspecialkids.org/2018/10/22/differentiating-1-activity-3-ways-easily-and-effectively/>
2. *Make you own copies of the activities*: Every day I review the activity we did yesterday. For that reason:
 - a. I often complete the activity myself and often laminated it for easy review that I could use year after year.
 - b. My copies were also helpful as either a model for students who needed more support or as a way for more advanced students to self-check their work.
3. *Options for Use*: Turn any activity into a reusable file folder activity by laminating and adding Velcro.
 - a. For more info, watch this video here: <https://www.teacherspayteachers.com/Product/Making-File-Folder-Activities-3474240>

The lesson plans contain:

Overall tips for teaching students with significant needs.

(This is the same lesson plan used for solids, liquids, and gases.)

Quick Look (This same plan is used for Solids, Liquids, and Gases)

Day	Activity
1	<ul style="list-style-type: none">• Book• Vocabulary Board activity• Circle map
2	<ul style="list-style-type: none">• Book• Vocabulary Board activity• Rules sheet
3	<ul style="list-style-type: none">• Book• Vocabulary Board activity• Sorting activity
4	<ul style="list-style-type: none">• Book• Vocabulary Board activity• Sorting activity
5	<ul style="list-style-type: none">• Book• Vocabulary Board activity• Coloring book
6	<ul style="list-style-type: none">• Social story• Vocabulary Board activity• Coloring book
7	<ul style="list-style-type: none">• Assessment

The lesson plans contain:

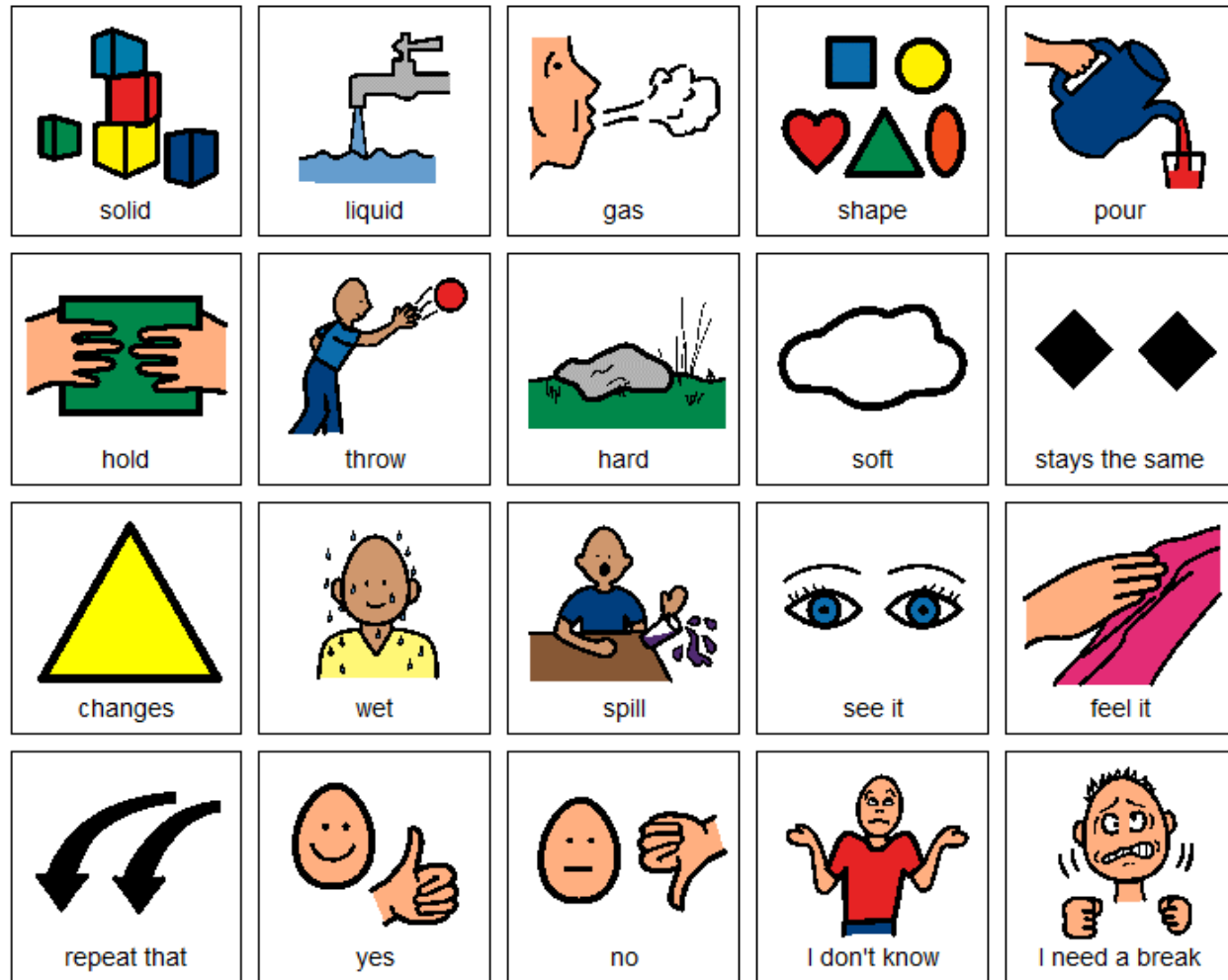
A quick look at what you will do each day

Day 3

Activity	Notes	Materials
Read the book (10 minutes)	<ul style="list-style-type: none">Read through the story, asking lots of questions	<ul style="list-style-type: none">Book
Vocabulary Board activity (10 minutes)	<ul style="list-style-type: none">Choose an activity from the activity list mentioned on page 2 of these lesson plans	Vocabulary board
States of Matter I Spy Game (10 minutes)	<ul style="list-style-type: none">Describe a solid or liquid you see in the roomHave students name the solid or liquid you are describing	
Review (5 minutes)	<ul style="list-style-type: none">Review the rules sheet	<ul style="list-style-type: none">Teacher copy of finished rules sheet
Sorting activity (10 minutes)	<ul style="list-style-type: none">Complete the sorting activity using photosSee directions with activityUse color coding if needed (see note on page 1 for more information)Again, make connections to the book when doing this activity	<ul style="list-style-type: none">Sorting worksheetScissorsGlue
Sharing (10 minutes)	<ul style="list-style-type: none">Each student shares their finished sorting project	<ul style="list-style-type: none">Completed projectCommunication devices
Essential Questions	<ul style="list-style-type: none">How does a solid feel?How does a solid look?What can you do with a solid?Pick any book and go read aloud having student point out solids that they see.	

The lesson plans contain:

Detailed instructions on how that day's lesson should run



Christa Joy, Special Needs for Special Kids
 The Picture Communication Symbols ©1981–2019 by Tobii Dynavox. All Rights Reserved
 Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

This unit comes with a vocabulary board.

Vocabulary boards are great for ALL students to assist with participation and engagement in group discussions.

Tips on how to use in the unit!!

1. All solids keep their shape when moved from one location to another.



Christa Joy, Special Needs for Special Kids

2. You can hold a solid in your hand.

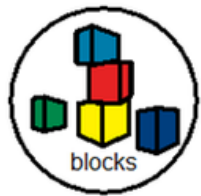


Christa Joy, Special Needs for Special Kids

There is a book with this unit using simple text and photos. It is 22 pages and is an overview of the properties of solids.

Both come in pdf versions as well as a voice-recorded powerpoints (so you don't have to print it out.)

Cut apart pictures and place in circle map about solids.



Cut apart pictures and place in circle map **ONLY IF** they are true about solids.

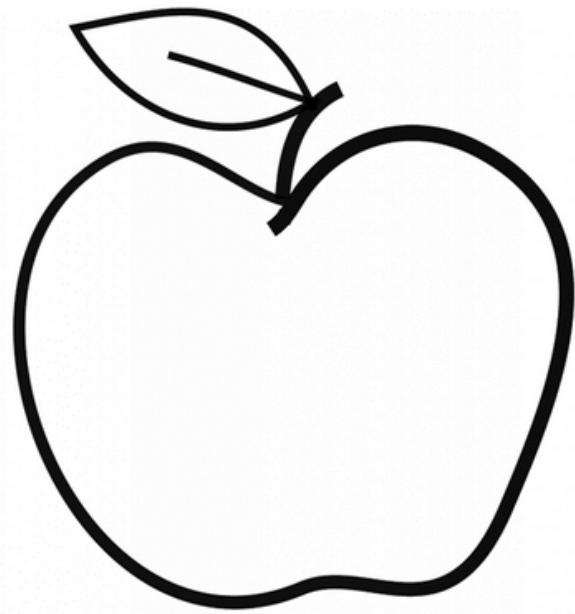


There is a circle map on the properties and examples of solids.

Circle maps are a great way for students to see the concept at a glance.

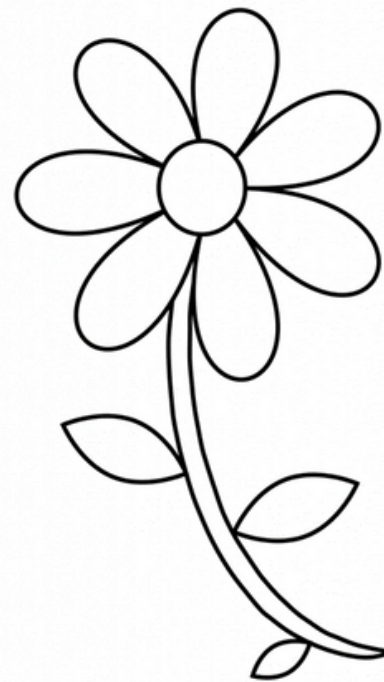
There are 2 versions:

- One is errorless
- One has wrong answers mixed in students will have to set aside



An apple is a solid.

Christa Joy, Special Needs for Special Kids
The Picture Communication Symbols ©1981-2019 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox



A flower is a solid.

Christa Joy, Special Needs for Special Kids
The Picture Communication Symbols ©1981-2019 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

There are 5 coloring pages with examples of solids.

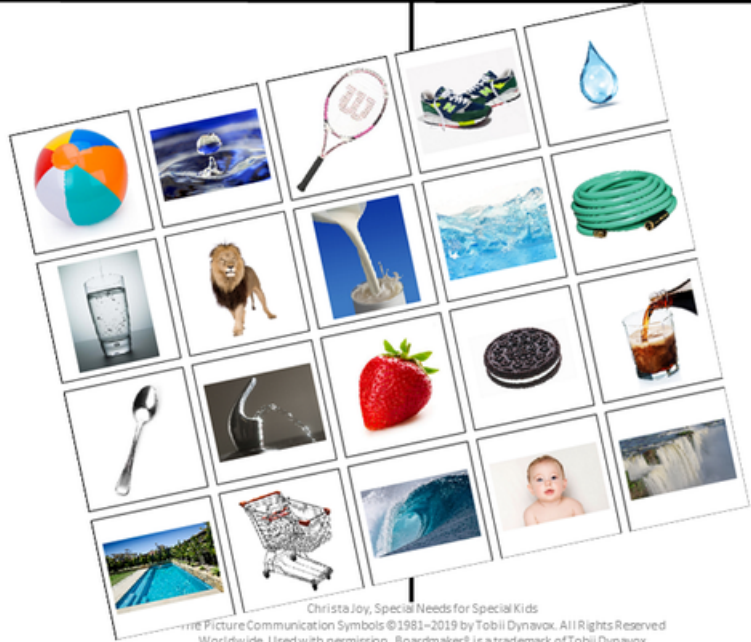




solds



not solids



Christa Joy, Special Needs for Special Kids
The Picture Communication Symbols ©1981-2019 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox



solds

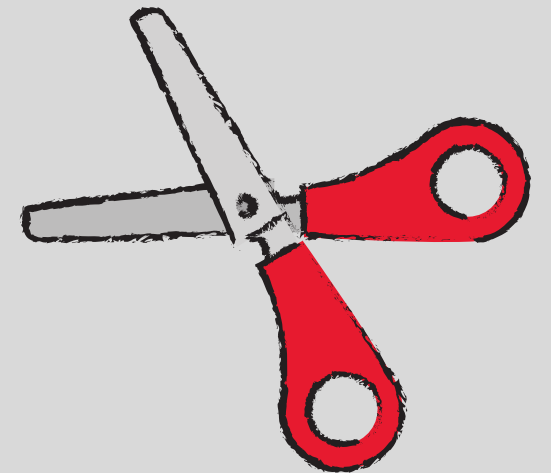


not solids

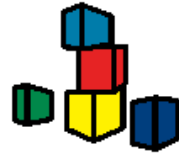


The Picture Communication Symbols ©1981-2019 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

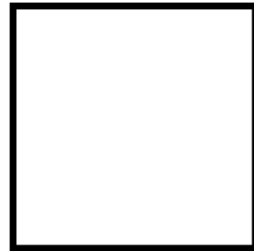
There is a sorting activity. Real photos and picture symbols are included. Suggestions for differentiation are included.



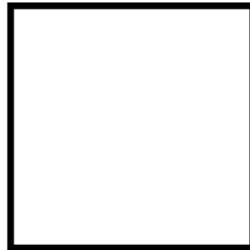
Rules of Solids



1. Solids keep the same

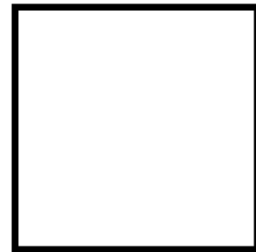


2. You can

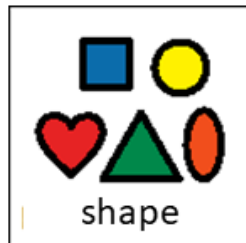


a solid in your hand.

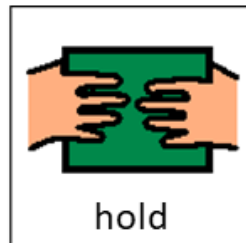
3. Solids can be



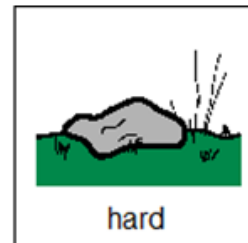
or



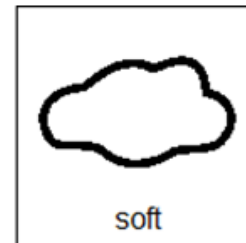
shape



hold

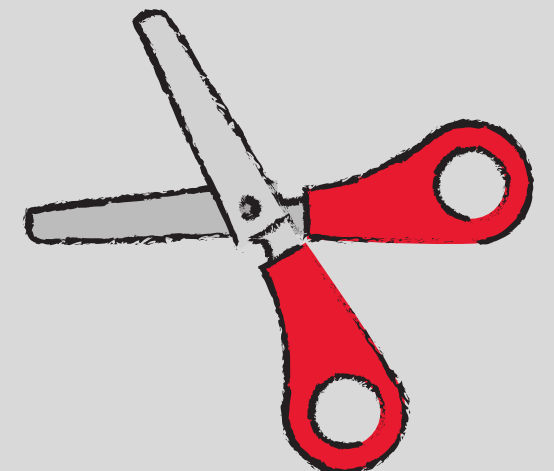


hard

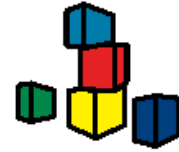


soft

There is a cut-and-paste worksheet reviewing the rules of solids. I have included some suggestions for differentiation.



Solids Quiz



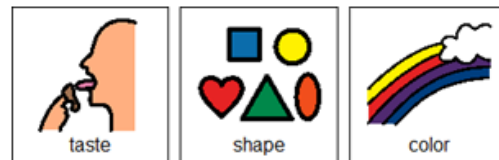
1. Circle the solids.



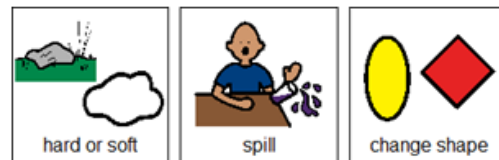
2. Put an X on those not a solid.



3. When you move a solid, it stays the same:



4. Solids can be:

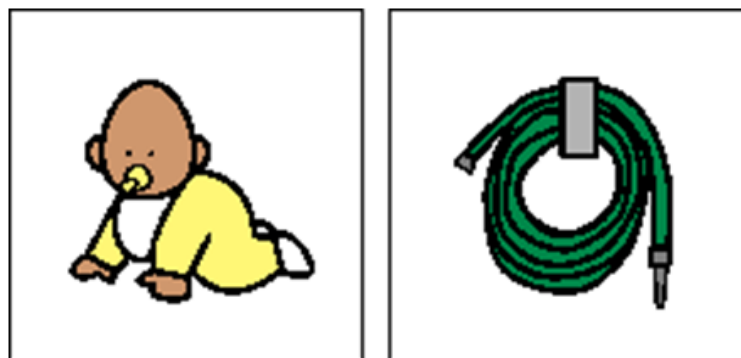
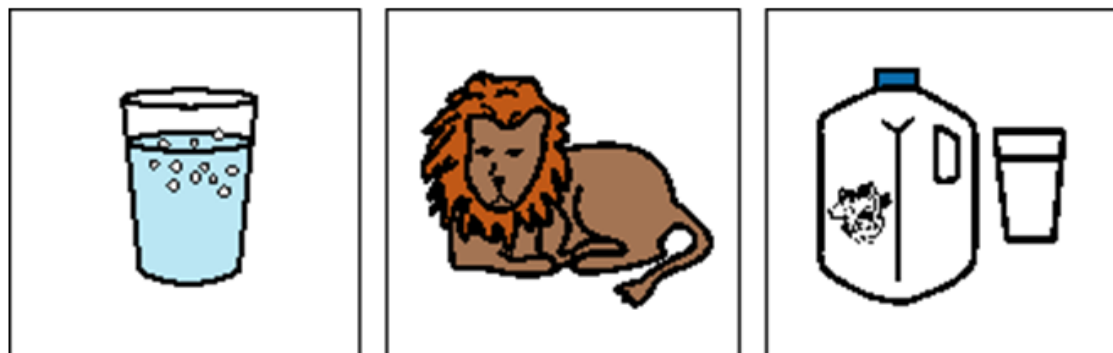


There is a short quiz included. There are 3 versions. This version has **4 questions** with 3 picture choices for each question.

Answer key included.

Larger cards to print and use for answers for students who need less distraction and a smaller visual field.

Q1

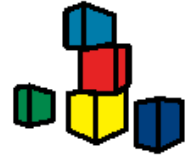


Q2



With this version, you cut out the answer choices and glue them on index cards. Ask the student the question, and they point to the correct answer.

Solids Quiz



1. Circle the solids.
A. spoon D. cookies
B. Water E. Soda
C. Strawberry
2. Put an X on those not a solid.
A. Water D. Baby
B. Lion E. Hose
C. Lion
3. When you move a solid, it stays the same:
A. taste
B. shape
C. color
4. Solids can be:
A. hard or soft
B. spill
C. change shape

This is your traditional multiple choice version. It can also be used as a recording sheet if your students are using the version with index cards.

1. All solids keep their shape when moved from one location to another.



This unit also includes digital versions of the activities.

Students can watch a movie book version of the book rather than printing it out.

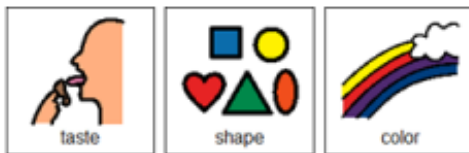
1. Circle the solids.



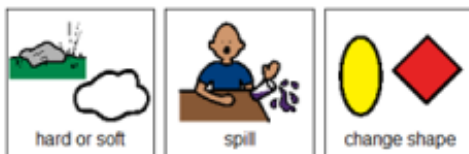
2. Put an X on those not a solid.



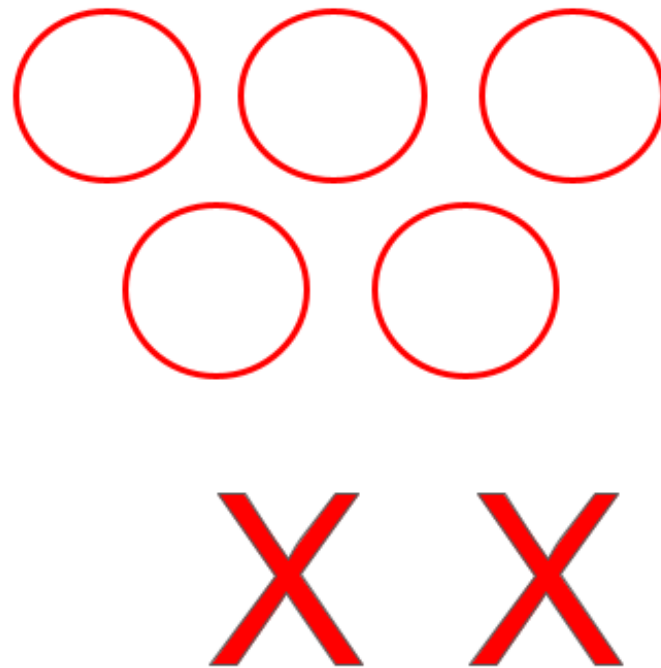
3. When you move a solid, it stays the same:



4. Solids can be:



Circle the correct answer.



Each activity is set up so students can click and drag answers. No typing is required.

Make great independent work centers



solids



not solids

Place the pictures in the correct column.

Christa Joy, Special Needs for Special Kids
The Picture Communication Symbols ©1981–2019 by Tobii Dynavox. All Rights Reserved
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

The second set of slides uses color for differentiation and extra support for students who may need it. Mix and match slides from both sets to make the perfect set for each student.

Make great independent work centers

I also have a resource that is an overview of the 3 states of matter

- Solids
- Liquids
- Gases

CLICK HERE



Save money!!!!