

SPECIAL ED

STATES OF MATTER BUNDLE

SAVE



PRINT & DIGITAL



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

Table of Contents

Pages	Activity
4-25	What is a solid?
26-28	Vocabulary board
29-34	Circle map
35-39	Sorting Activity
40-44	Coloring sheets
45-46	Rules of solids
47-55	Quiz
56-57	Terms of Use

Also included in this unit:

- Directions and links to digital activities
- Lesson plan

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
4-25	What is a liquid?
26-28	Vocabulary board
29-34	Circle map
35-39	Sorting Activity
40-44	Coloring sheets
45-46	Rules of liquids
47-55	Quiz
56-57	Terms of Use

Also included in this unit:

- Directions and links to digital activities
- Lesson plan

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
4-24	What is a gas?
25-27	Vocabulary board
28-33	Circle map
34-38	Sorting Activity
39-43	Coloring sheets
44-45	Rules of gases
46-54	Quiz
55-56	Terms of Use

Also included in this unit:

- Directions and links to digital activities
- Lesson plan

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 bundle contains 3 separate units on each state of matter. There are print and digital versions of the activities.

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](#) 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>

There is a lesson plan that contains:

Overall tips for teaching students with significant needs.

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 plan contains:

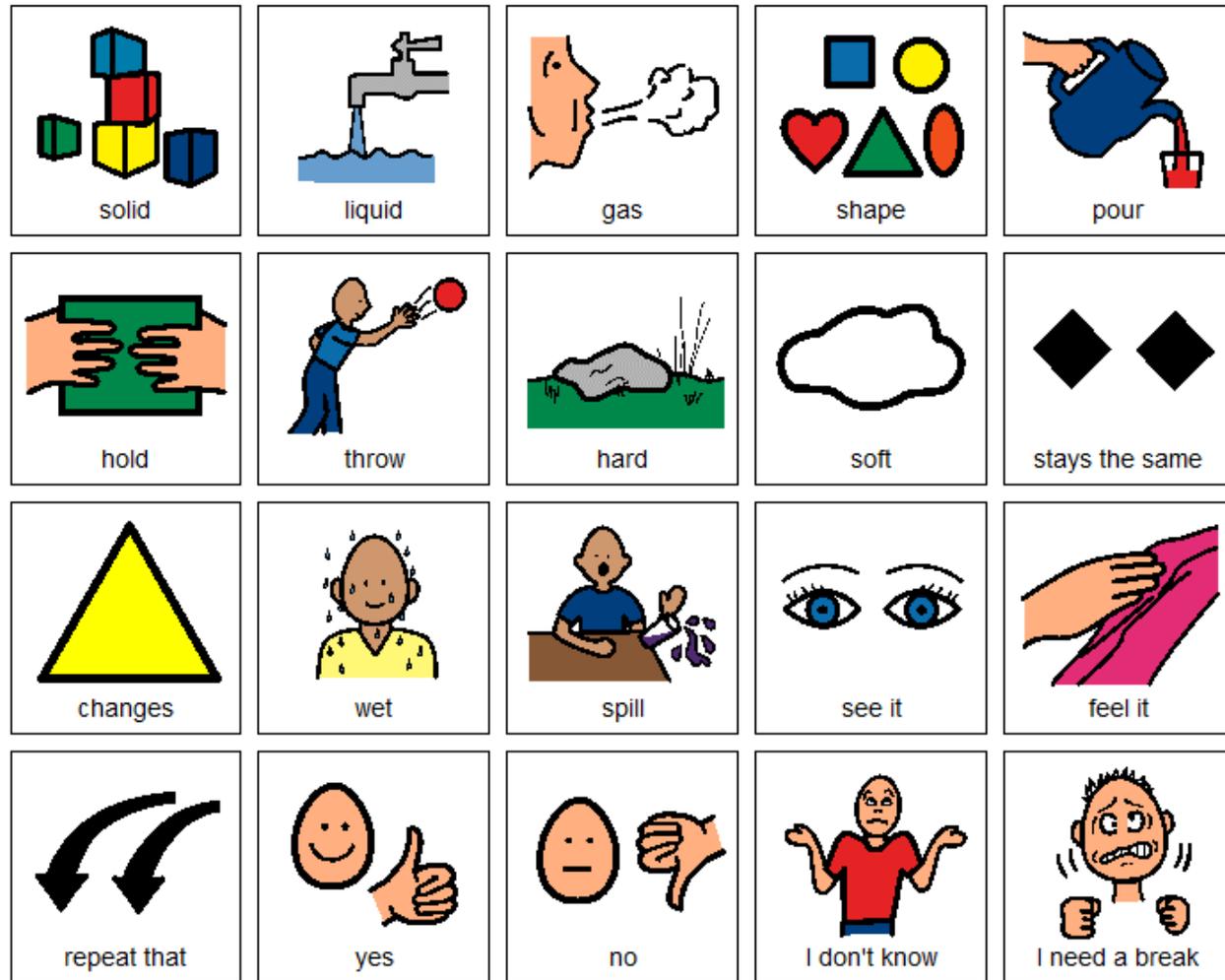
A quick look at what you will do each day. Each state of matter should last you 7 days.

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 plan contains:

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 bundle 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 it in the unit!!

1. Unlike solids and liquids, most gases you **CANNOT** see!



Christa Joy, Special Needs for Special Kids

2. Gases will FILL the container they are placed in, like a balloon.

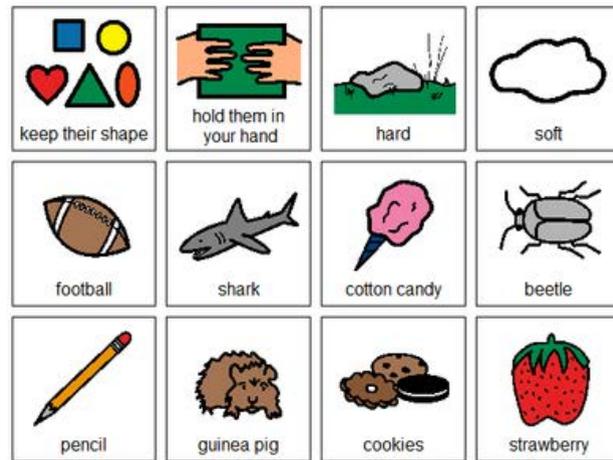


Christa Joy, Special Needs for Special Kids

There is a book for each state of matter using simple text and photos. It is an overview of the properties of that state of matter.

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.

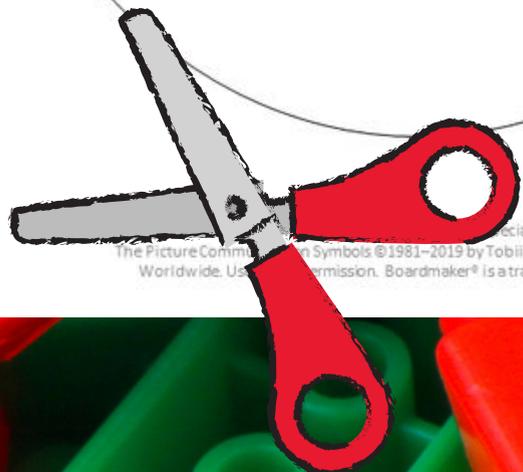
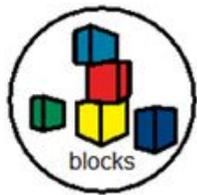


There is a circle map on the properties and examples for each state of matter.

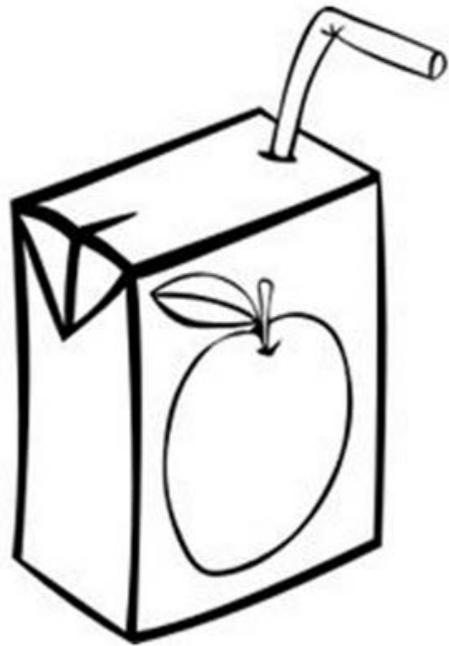
Circle maps are a great way for students to see the concept at a glance.

There are 2 versions:

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

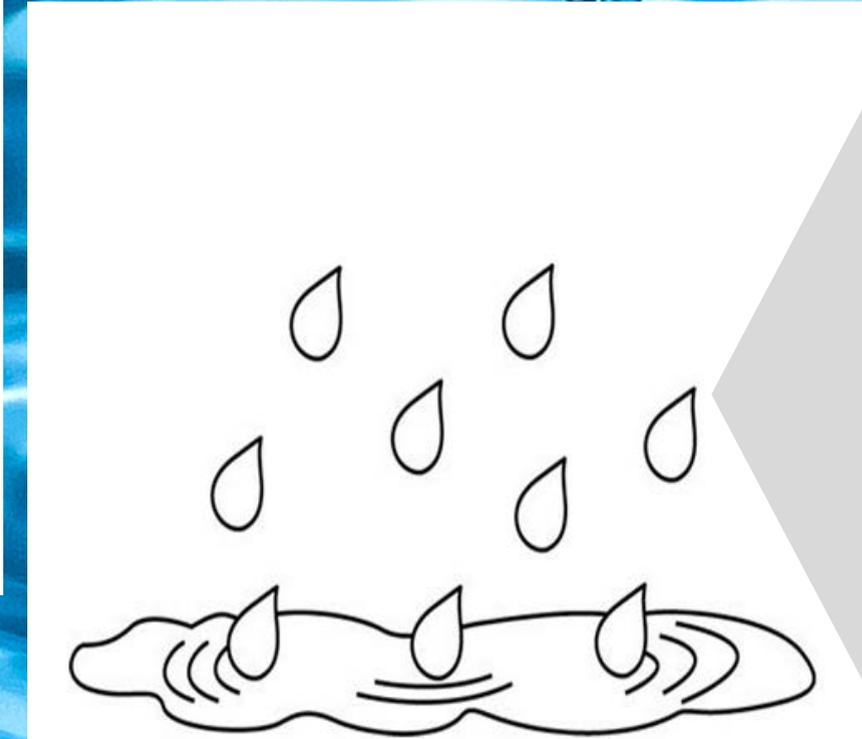


The Picture Communication Symbols © 1981-2019 by Tobii Dynavox. All Rights Reserved. Permission. Boardmaker® is a trademark of Tobii Dynavox.



Apple juice is a liquid.

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

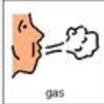


A puddle is a liquid.

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

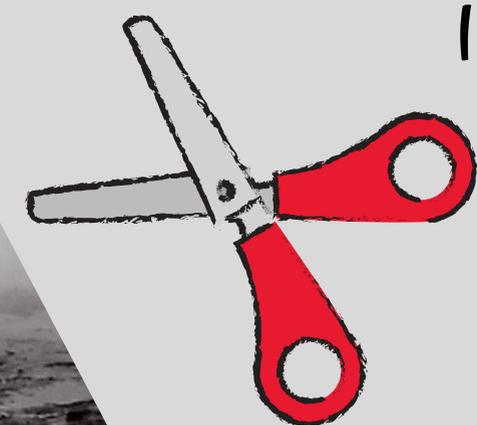
There are 5 coloring
pages for each state of
matter.

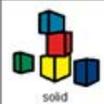
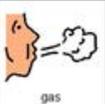
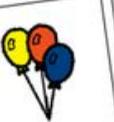
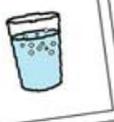
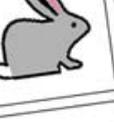
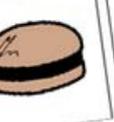
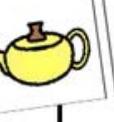
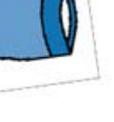


 solid	 liquid	 gas		
				
				
				
				

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

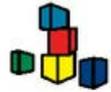
There is a sorting activity for each state of matter. Real photos and picture symbols are included. Suggestions for differentiation are included.



 solid	 liquid	 gas		
				
				
				
				

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

Rules of Solids



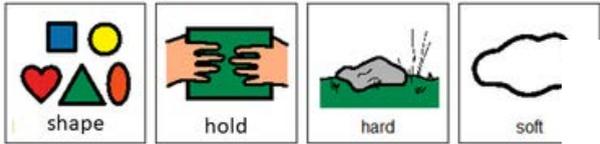
1. Solids keep the same

2. You can

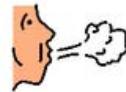
a solid in your hand.

3. Solids can be

or



Rules of Gases



1. Most gasses you

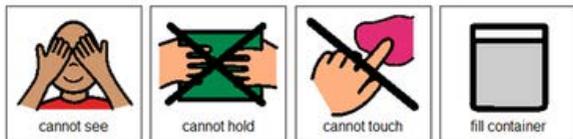
and

2. A gas will

a container.

3. You

a gas.



Rules of Liquids



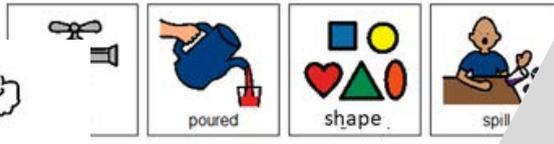
1. Liquids can change

2. A liquid will

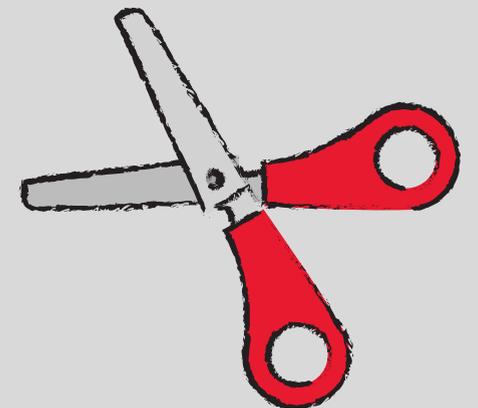
through your

3. Liquids can

or be



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



Liquids Quiz



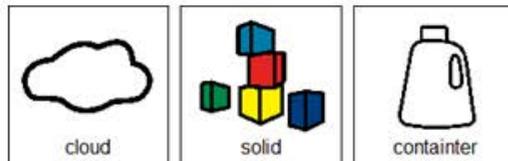
1. Circle the liquids.



2. Put an X on those not a liquid.



3. Liquids take the shape of the:



4. Liquids can:

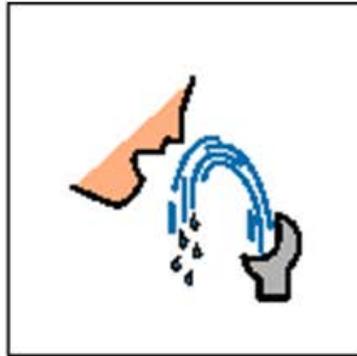
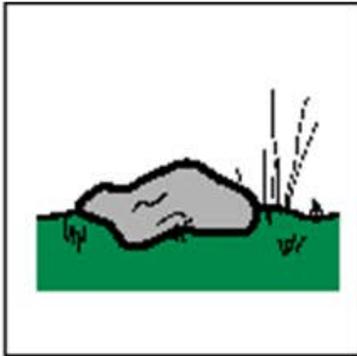


There is a short quiz included. There are 3 versions. This version has **4 questions** with 3 picture choices for each question.

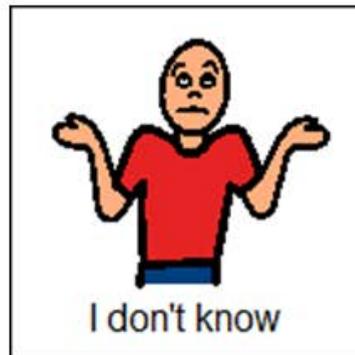
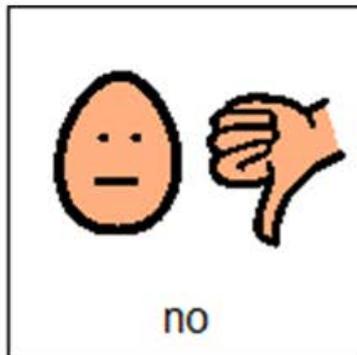
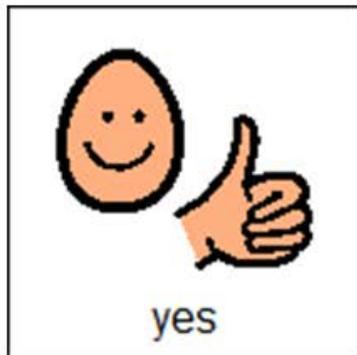
Answer key included.

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

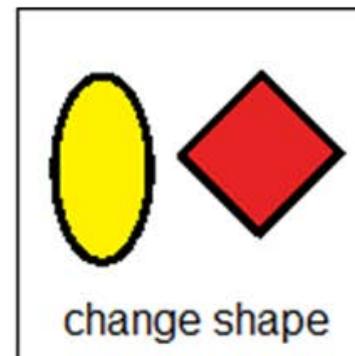
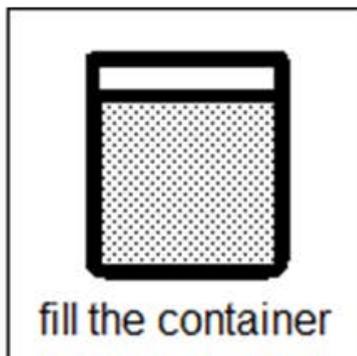
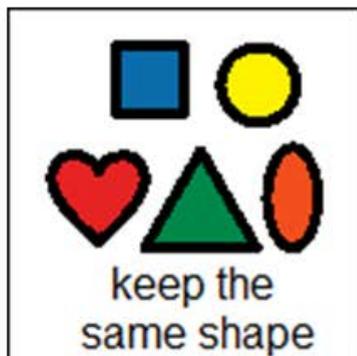
Q2



Q3

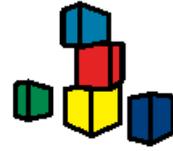


Q4



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 bundle also includes digital versions of the activities. There is a movie of each book read aloud.

Rules of Gases

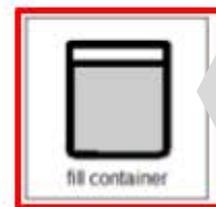
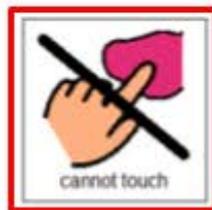
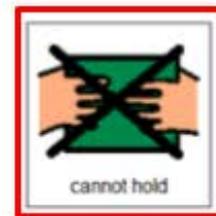


1. Most gasses you and

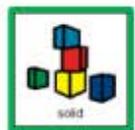
2. A gas will a container.

3. You a gas.

Use the pictures to finish each sentence about gases.



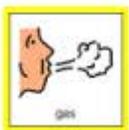
There are two sets of slides where students click and drag the answers.



solid

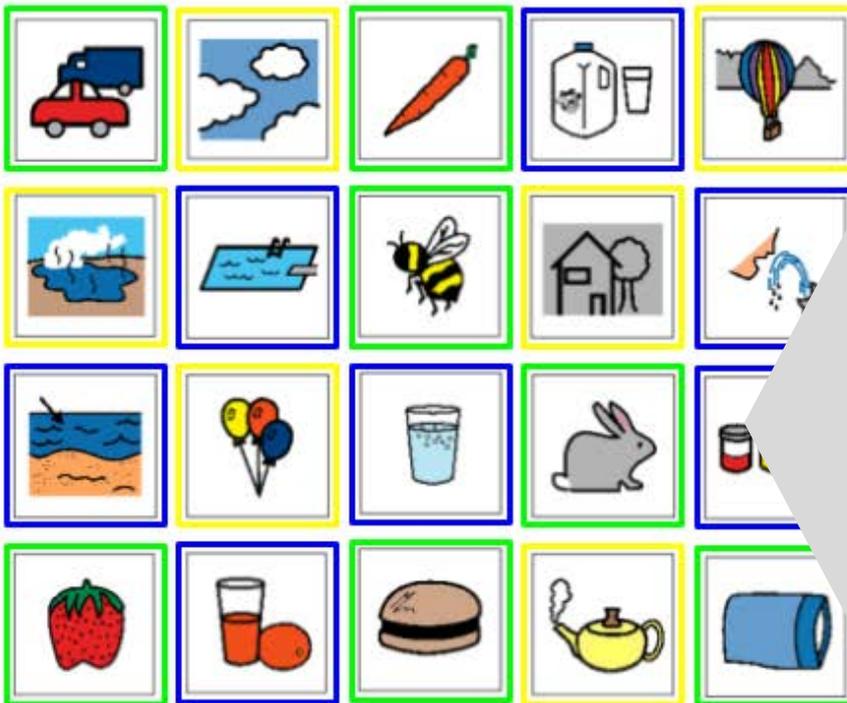


liquid



gas

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 has color-coding for student who need more support.



[Click Here to read more!!](#)

I realize there will be some students out there unable to do cutting activities. I have a blog post with ways to complete activities without a pair of scissors!!

All of the activities (except the book) come in color and black and white.