



Sort it Out

A durable learning routine



How to Give Directions for Sort it Out

Listen for qualities of effective directions




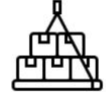
COMMUNICATE DIRECTIONS

- Set Purpose
- Concise Steps
- Use Multiple Representations

Check Understanding

Provide Information

John's students are sorting fact cards

<p>Underneath a space shuttle, there are pools of water to provide sound and heat protection. The heat from launching produces steam when the space shuttle launches that looks like clouds¹.</p>  <p>(Space Shuttles)(Launch or Takeoff)</p>	<p>Lots of water is needed to keep a space shuttle launch safe¹.</p>  <p>(Space Shuttles)(Launch or Takeoff)</p>
<p>Space shuttles fly more than ten times faster than the speed of sound².</p>  <p>(Space Shuttles)</p>	<p>Both space shuttles and airplanes move people and cargo from place to another³.</p>  <p>(Space Shuttles)(Planes)</p>

Examples

Printable [Fact Cards](#) for sorting

Online adaptation:
[Fact Cards - Sort it Out in Padlet](#)

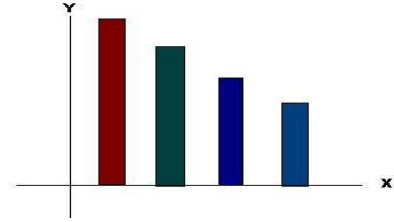
[More Sort it Out Routine Examples](#)

SORT IT OUT

- Look
- Label
- Sort
- Mix



Mix-up your sources and
Look, Label, and Sort in a new way



1. Sort into groups or line up to create a pattern.
2. Record the labels of each way you sorted.

After Sorting
Example Exhibition
Preparation
Directions for Students

Sort It Out - Part 2

- Arrange your sources into a story that answers Big Question #1:

How can the chemical energy in my food be traced back to the sun?

***Does not have to be a straight line*

- Use post-its to title and label sections of your story!



Create an Exhibition

What would make an exhibition really worth looking at?

Brainstorm qualities

MUST HAVES	STRETCH-AMAZINGS	HELP RESOURCES
Circle _____ Underline _____ Write your strategy for __	Check _____ Add reflection on _____ Star _____ Compare _____	<input type="checkbox"/> Academic Language <input type="checkbox"/> Background Information <input type="checkbox"/> Evidence <input type="checkbox"/> Thinking tool

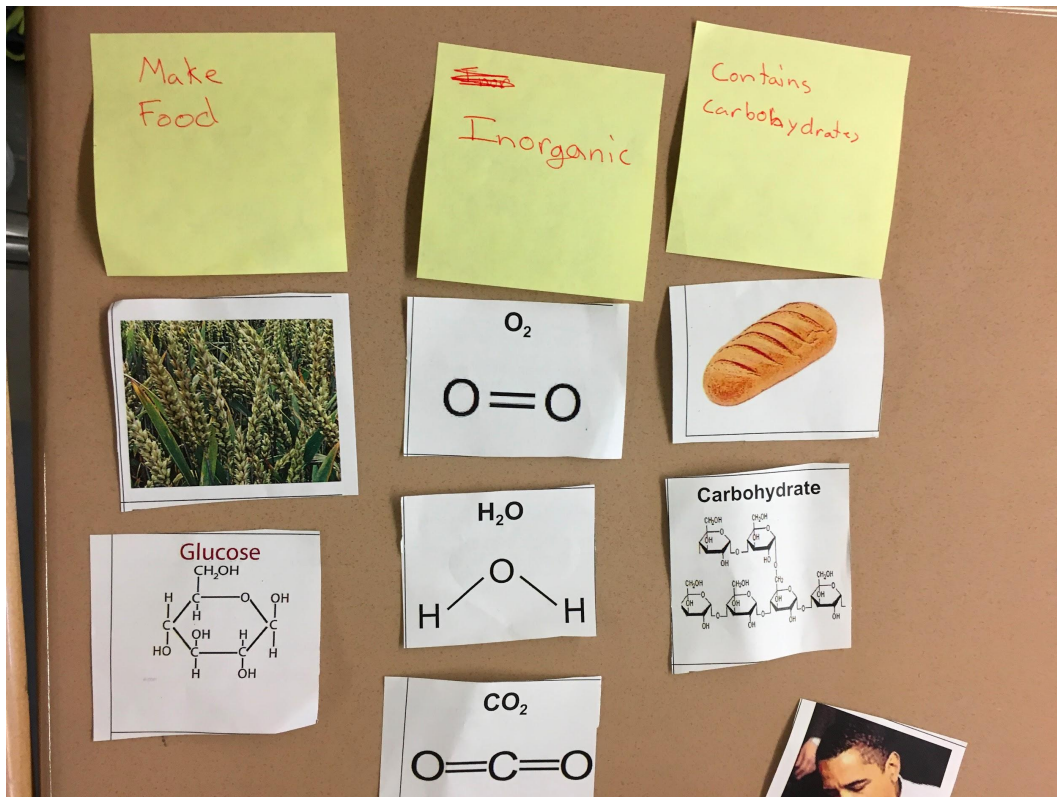
Choose qualities for today's exhibition



Give your exhibition a title that inspires thinking about an important idea that your sources describe

Sort It Out

Final Sort-It-Out for Exhibitions





The Exhibition Routine



Visitor

- Describe
- Question
- Guess

Sorter

- Listen
- Explain
- Revise


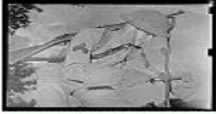










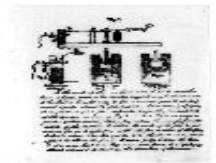






How to Make a Collection for Sorting

words, facts, equations, graphs, data tables, concepts, problems, questions

Important Themes

Standards

	Lever	Screw	Pully	Wheel And Axel	Inclined Plane	Wedge
Military						
Production						
communication						

Explore Sort it Out Resources

[Math Sorts - Created by Kara Imm](#)

[Science Sorts](#)

[Math for America Teacher Made Sorts](#)

Sort it Out is a Thinking Routine



- Work the first time
- Very few steps
- Widely applicable
- Create engagement
- Ageless
- Invoke high level thinking
- Can be made visible
- Can be used individually or in a group

[Learn more about Visible Thinking](#)



You're invited to be...

Adventurous

- Explore alternative views
- Open minded
- Think with a wide scope
- Seek understanding

Intellectually Careful

- Evaluate Evidence
- Alert for errors
- Check for accuracy
- Corroborate information
- Justify opinions with evidence

Strategic

- Set goals
- Take action
- Evaluate and revise plans
- Use knowledge to make decisions
- Reason through problems

Creative

- Create novel solutions
- Make unusual connections
- Combine ideas
- Rearrange elements into new patterns

Collaborative

- Share ideas with others
- Ask clarifying questions
- Value the opinions of others
- Build learning through interaction

Reflective

- Compare a product to criteria
- Evaluate a process
- Seek understanding
- Gather other opinions
- Consider relationship between parts and a whole