

SEVEN ESSENTIAL LIFE SKILLS

Skill Building Book Tips

You can read *Lemonade in Winter* in a way that highlights Self-Directed, Engaged Learning, a Life Skill that promotes Executive Functions. It is through learning that we can realize our potential. As the world changes, so can we, for as long as we live—as long as we learn.

Principles of Self-Directed, Engaged Learning

- Establish a trustworthy relationship with your child.
- Help children set and work toward their own goals.
- Involve children socially, emotionally and intellectually.
- Elaborate and extend children's learning.
- Help children practice, synthesize and generalize.
- Help children become increasingly accountable.
- Create a community of learners.



TIP:

Pauline and her little brother John-John have a goal to have a lemon-limeade stand, even though it's winter. Nothing stops them from working toward their goal—including their parents' warnings that nobody will want cold drinks in the middle of winter.

Ask your child how important it is to have goals, even goals that other people say are undo-able. Have them think about their other experiences as well as the story in this book.



SKILL:

One of the principles of promoting Self-Directed, Engaged Learning is **helping children set and then work toward goals**. Executive Function skills are driven by goals.



TIP:

When the children don't sell much, they come up with many new marketing ideas. Ask your child what else might Pauline and John-John have done to sell their lemon-limeade.



SKILL:

Another principle of promoting Self-Directed, Engaged Learning is to **elaborate and extend** what children do.



TIP:

Ask your child:

Lemonade in Winter

By Emily Jenkins

Two siblings are determined to set up a lemonade stand ... in the middle of winter. Their determination and willingness to do the math and the leg-work involved (and to brave the elements!) pays off as they realize their lemonade stand dream.



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- “What did Pauline and John-John learn about money from this experience?”

Include how much they spent and how much they earned.

SKILL:

Still another principle of promoting Self-Directed, Engaged Learning is helping children **practice, synthesize and generalize**.

TIP:

You can share a story or ask your child to share a story about a time he or she had fun and worked well with someone else.

SKILL:

The brother and sister created their own **learning community by working together and learning from each other**.

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These tips sheets were developed by *Mind in the Making*, in collaboration with First Book. *Mind in the Making* and Vroom are programs of the Bezos Family Foundation. Find more books and materials on the First Book Marketplace, a resource available exclusively to educators and programs serving children in need. Visit: www.fbmarketplace.org.







RACE TO \$1.00

DiReCTIONS: Roll the dice. Count out that many pennies and place them in your penny column. When you have enough, trade up for the next coin. First player to make \$1 wins!

<div>QUARTER</div> <div></div>	<div>DIME</div> <div></div>	<div>NICKEL</div> <div></div>	<div>PENNY</div> <div></div>





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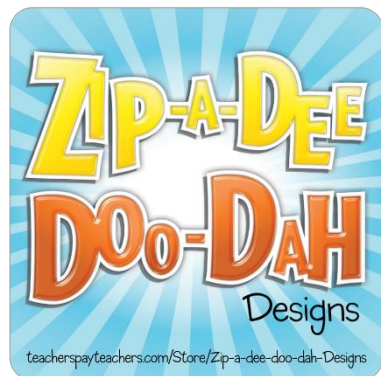
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Credits



<http://www.teacherspayteachers.com/Store/Zip-a-dee-doo-dah-Designs>



CLEAN PENNIES WITH VINEGAR!

YOU WILL NEED:

- A few old (not shiny) pennies
- 1/4 cup white vinegar
- 1 teaspoon salt
- Non-metal bowl
- Paper towels

WHAT TO DO

1. Pour the vinegar into the bowl and add the salt – stir it up.
2. Put about 5 pennies into the bowl and count to 10 slowly.
3. Take out the pennies and rinse them out in some water. Admire their shininess!

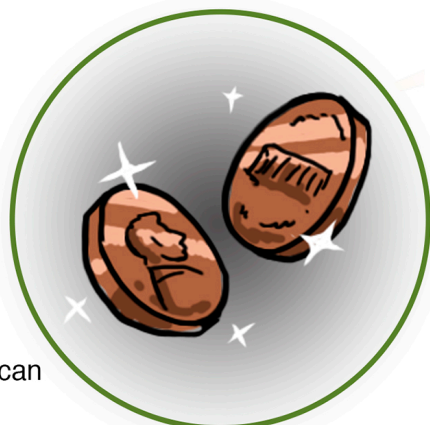


HOW DOES IT WORK?

There is some pretty fancy chemistry going on in that little bowl of yours. It turns out that vinegar is an acid, and the acid in the vinegar reacts with the salt to remove what chemists call copper oxide which was making your pennies dull. You're not done yet, though, let's try another experiment:

Add more pennies to the bowl for 10 seconds, but this time, don't rinse them off. Place them on a paper towel to dry off. In time the pennies will turn greenish-blue as a chemical called malachite forms on your pennies. But wait, you're still not done yet.

Place one or two nuts and bolts in the vinegar and watch – they may become COPPER in color! The vinegar removed some of the copper from the pennies, if there is enough copper in the vinegar, the copper will become attracted by to the metal in the nuts and bolts and they will take on a new copper color – cool.



MAKE IT AN EXPERIMENT:

The project above is a DEMONSTRATION. To make it a true experiment, you can try to answer these questions:

1. Will other acids (like lemon juice or orange juice) work as well?
2. Does this cleaning chemistry work on other coins?
3. Do other amounts of salt make a difference in the chemistry of the experiment?