



Activity Packet

A collection of resources aligned to the theme of Innovation



A new way of doing things that makes things faster, affordable, easier, better—that's innovation! Let the sky be your limit for imagining ways to make improvements with a focus on innovation and all its curiosity, creativity, and collaboration.

This packet includes a:

- Innovation classroom activity
- Innovation home activity
- Innovation recommended booklist

We recommend you print and copy the home activity and recommended book list pages to send home to extend Rally to Read 100 and encourage continuous learning!

For more reading fun, visit RallytoRead.org.



Theme: Innovation | Classroom Activity

Problem → Solution

In this activity, students will be given time to think of a problem worth solving and then innovate to solve it.

This activity is designed to be completed independently, in small groups, or as a whole class.

Steps

1. Read one or more books about innovation and discuss innovation with your students: what is it, how does it work, why is it important? You may want to share this month's Rally to Read read-alouds.
2. Offer students, in groups or independently, time to think of a problem they encounter in their own lives. Remind them that problems may be personal (they have trouble measuring the right amount of toothpaste for their brush) or more communal (it's hard to settle down after recess).
3. Have them identify the problem in writing or as a cartoon/comic (i.e., mostly drawing but some captions or labels to convey meaning).
4. Provide time for them to think, discuss, and research possible solutions. If possible, provide manipulatives for them to use (e.g., paper, blocks, paper towel rolls, popsicle sticks; not all innovations will need these but it can help with the thinking process).
5. Have students design and explain their solutions in writing/reading aloud, through drawing/presentation, or some other media presentation.



Theme: Innovation | Home Activity

Our class is learning about innovation with literacy resources from Reading Is Fundamental. Complete this activity with your child to help deepen their understanding of innovation.

Everyday Object Innovation

Challenge your child to innovate on their feet with this fun creativity game.

Steps

1. Select a few household items (e.g., spatula, scarf, book).
2. Gather players (e.g., siblings, friends) together—every player should get one item per round.
3. Taking turns, present each player with an item (should be a surprise) and give them 5 minutes to come up with 3 different ways the item could be used, other than its intended use.

Example: Pencil

1. Door stopper to keep a door from clicking shut
2. Ruler, as in “That table is 9.5 pencils long.”
3. Bookmark

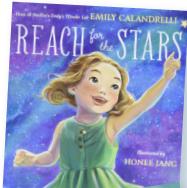


Reading
Is Fundamental
until every child reads

Theme: Innovation | Recommended Book List

Reading Is Fundamental has curated a list of books to help children further explore the theme of Innovation. Use this recommended book list to help your students/children continue their discovery about this topic in school and at home. For additional activities for the books listed, please visit [RIF.org/literacy-central/collections/rally-read-innovation-collection](https://www.RIF.org/literacy-central/collections/rally-read-innovation-collection).

*View read-alouds of titles in blue
on RallytoRead.org this month.*

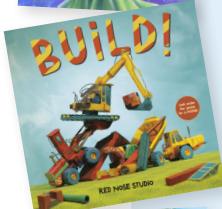


Reach for the Stars

Author: Emily Calandrelli

Illustrator: Honee Jang

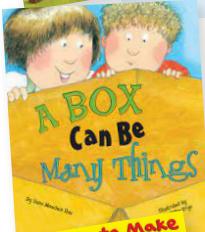
Grades: PK-3



Build!

Author & Illustrator: Chris Sickels

Grades: PK-2



A Box Can Be Many Things

Author: Dana Meachen Rau

Illustrator: Paige Billin-Frye

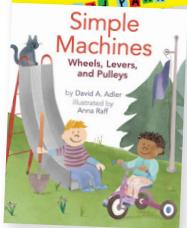
Grades: K-2



It's Okay to Make Mistakes

Author & Illustrator: Todd Parr

Grades: PK-1



Simple Machines

Author: David A. Adler

Illustrator: Anna Raff

Grades: PK-3

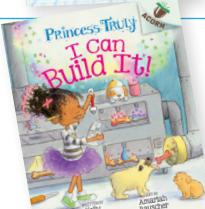


Let's Imagine: What Will We Build Today

Author: Katherine Durgin-Bruce

Illustrator: Mike Byrne

Grades: PK-K



I Can Build It!: An Acorn Book

Author: Kelly Greenawalt

Illustrator: Amariah Rauscher

Grades: PK-1

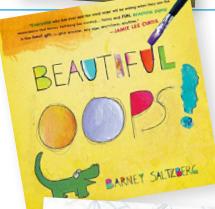


The Great Stink: How Joseph Bazalgette Solved London's Poop Pollution Problem

Author: Colleen Paeff

Illustrator: Nancy Carpenter

Grades: PK-3

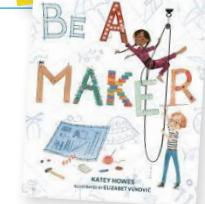


Beautiful Oops!

Author & Illustrator:

Barney Saltzberg

Grades: PK-2



Be a Maker

Author: Katey Howes

Illustrator: Elizabeth Vuković

Grades: PK-3



What Do You Do with an Idea?

Author: Kobi Yamada

Illustrator: Mae Besom

BARNES & NOBLE

Storytime Pick

Innovation Book Discussion Questions

1. How did the character(s) in this book innovate?
2. Who and how did the innovation help?
3. Describe a time when you created something new.
4. Can you think of 3 new ways to use a common object, such as a spoon, a pencil, or a paper lunch bag?
5. Do you prefer to innovate on your own or with a group of people and why?