

Trainbots:

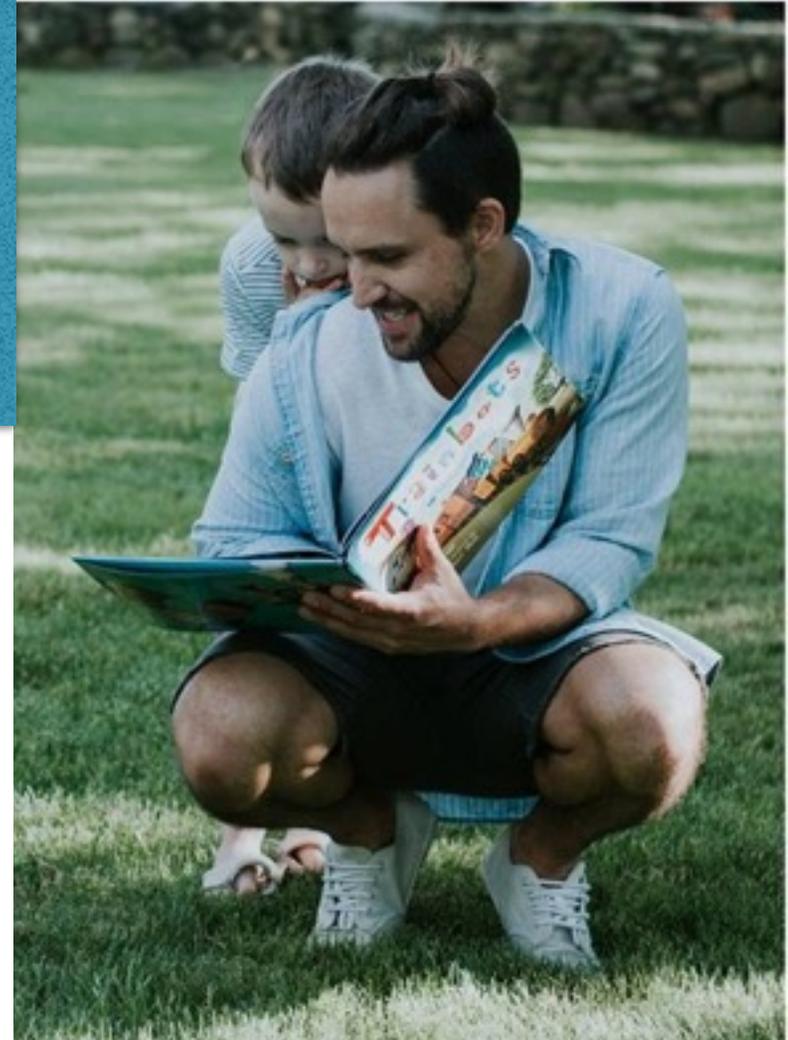
Curriculum Extensions

Adaptable Ideas for K-6
and homeschooling families

Download this resource and more at
www.mirandapaul.com/for-teachers!

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Stretch Vocabulary Links & Quizlet

Trainbots is a little book with BIG words!

This story by Miranda Paul provides an opportunity for young listeners to engage, excel, and begin thinking about the principles of planning, designing, engineering, and being a hero. Here are some tools to help your reader-bots face the challenge of learning to say, spell, or use 17 words from robot-like language in *Trainbots*.



clamor	tender	outsmart	unassuming
gilding	teeming	drafting	prevailing
wailing	crafting	boarding	hitches
platform	scheming	scanning	rocketeering
engine			

Image Cards

Using the vocabulary print [link](#), you can print out correlating images that represent the stretch vocabulary in *Trainbots*! Bridge the gap between the real world and text by using the printed images to match with the illustrations in the book. The software can generate multiple styles or sizes of “cards” for your list, so be sure to play with your options.

(Link: <https://quizlet.com/242432772/print>)

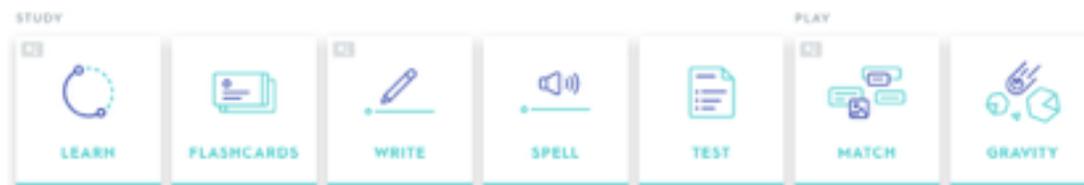


Differentiated Learning

If you're new to the Quizlet.com software, try logging on to the *Trainbots* Vocabulary home page.

Scroll down to see the vocabulary list, which includes the 17 terms in the box above, along with the definition that the system uses—the way the word is used in the book. Use the menu icons to access to seven ways to interact with these words. There's even a Gravity Game!

(Link: <https://quizlet.com/242432772/vocabulary-for-trainbots-by-miranda-paul-and-shane-mcg-little-bee-books-diagram/>)



Create Your Own Trainbot Activity

***Trainbots* are designed to work together!**

Trainbots love friendship and working together. Work together with a partner or group to design and create your own Trainbot. These inquiry-inspired questions that mirror the engineering design process will get you started:

Ask & Imagine

- 1) What does a Trainbot look like?
- 2) What shapes do you see in the Trainbots' bodies?
- 3) What shape and size would you like to make YOUR Trainbot?
- 4) What color(s) will your Trainbot be?
- 5) Trainbots do unique actions like rocketeering, flying, grooving, and zooming. Which actions should your Trainbot be able to do?

Action: Draw a rough sketch of your Trainbot.

Plan & Create

- 6) What items or materials in your home, classroom, or local area have the shapes and sizes you want to use?
- 7) What will you use to color your Trainbot?
- 8) How will you make your Trainbot move or perform actions?
- 9) What tools or materials do you need to assemble it and make it work?

Action: Make a final sketch, gather materials, and build your Trainbot!

Improve

Action: Test your Trainbot by playing with it!

- 10) What is its best feature?
- 11) What would you do better, or differently, next time?



Suggested materials: boxes, recycled materials, clay, play doh, paper, food, Legos (if accessible, utilize Lego WeDo 2.0 to power your bot!). What else can you use to make a Trainbot? Make sure to have your teacher share what you create on social media using the hashtag #trainbots and #makerspace. Have fun!

Trainbots keep us on track to deliver something great!

Present & Share Your Trainbot

This activity is designed for sharing or “selling” the Trainbot you made in a previous activity. After your Trainbot is complete, you’ll want to pitch your new design to the class. Here are some suggestions on how to create advertising for your Trainbot:

- 1) Write a paragraph or more that discusses your unique design. Use persuasive language.
- 2) Compose a catchy jingle (song) that brings your design to life.
- 3) Layout a magazine ad, billboard, or poster that shows off the best features of your creation.

Now that you’ve created your ad or commercial, how will you share and pitch your Trainbot design to others?



Showcase Display

Put up an art gallery
Construct a poster or banner
Make a booth or tabletop display



Live Presentation

Give a speech
Act out a play or skit
Present a slide show



Recorded Media

Film and edit a video
Make a podcast
Burn a CD track

Online Reach

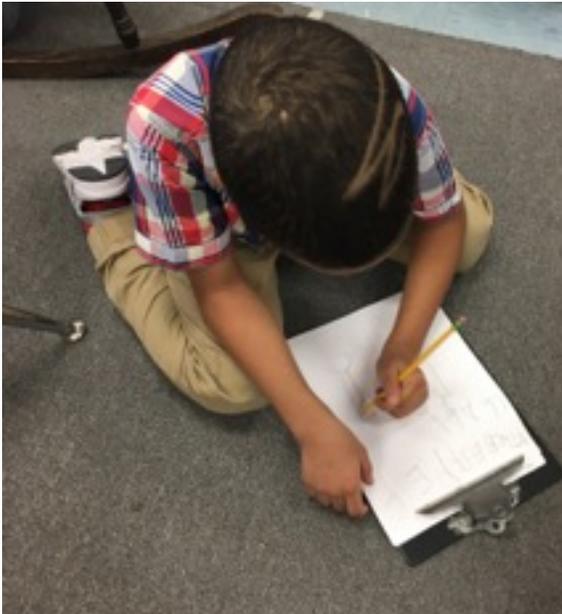
Social Media posts
Blog article
App or chat sharing



Write Your Own Trainbot Story

Trainbots inspire us to revise and keep going!

Imagine your Trainbot has come to life. Write a new Trainbots story that features your bot as the main character. These steps will help you get on the right track to arrive at a great ending.



Prewrite: Brainstorm and gather ideas, then organize them.

Draft: Write a first draft with a beginning, middle, and end.

Revise: Refine ideas and clarify meaning. Cross things out and make changes. Rewrite your story on a new sheet of paper.

Edit: Proofread your rewritten story, looking for misspelled words, misplaced punctuation, incorrectly capitalized words, run-on sentences and fragments, and grammatical errors. It can help to have others read and edit, too—ask a classmate, teacher, or grown-up.

Publish: Prepare your final copy with your best handwriting or word processing, illustrations, and a sturdy cover.

Connect with the Author

Trainbots inspire us to connect and share!

Educators and parents—author Miranda Paul would love to see your students' work! Other teachers and librarians in our community benefit when you share photos, stories, and posts about extension activities. We're all working toward the same goal of raising readers. Let's make the journey even more exciting by connecting and engaging online and in person!

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I'm gearing up to see your work!