



Detroit PBS KIDS

Daily Newsletter

In-Home Learning and Fun!

JUNE 2, 2020

Robots are becoming increasingly sophisticated. How could a robot help you?

App of the Day:

[Jet's Bot Builder](#)

Create, explore, learn and have fun building a robot with Jet and friends in Jet's Bot Builder.

Book of the Day:

[The Really Silly Robot](#)

Visit the land of Stop-and-Go-A-Lot for a really silly adventure! You'll have a blast dancing through the metal mountains to the Lake of Zig-Zag Falls, and you might even make a really silly friend before the day is done!

Writing Prompt:

If you could build a robot that could do one thing for you, what would you want it to do?

Infants and Toddlers:

[Vroom](#)

Every Tuesday at 10 am PT, a Vroom Tip video on Facebook can help you add early learning into your new daily routines. Watch the #VroomTip video rolled out today about baby conversations and check back for a new video each week.

Preschool:

[What are Robots?](#)

Abby Brown loves to help kids have fun while learning! In this segment, Abby teaches kids that robots are used to do jobs like cleaning, homework, lifting heavy objects and keeping people safe.

Grades K-2:

[Robotic Arm Challenge - Activity | Ready Jet Go!](#)

Has your child ever left a toy in a place they couldn't quite reach? In this activity from Ready Jet Go!, your child will use their engineering know-how to build a robotic arm, and then use it to solve an out-of-reach problem such as grabbing a toy that rolled under the couch or an object on a high shelf.

Grades 3-5:

[SciGirls | Robot Body Language](#)

Explore the psychology of expressions using this SciGirls activity challenging students to convey an emotion while their faces are hidden. These days social robots designed to interact with people are sold in stores as pets, house cleaners, and even healthcare assistants! To make these robots seem more humanlike, designers give them personalities using sounds, digital displays, and gestures.

Grades 6-8:

[Robots in the Workplace](#)

This interactive lesson examines the possible changes in the workforce due to technological advances in robotics. Topics covered include artificial intelligence, automation, and ethics.

Grades 9-12:

[Mind-Controlled Robotic Arm](#)

In this video excerpt from NOVA scienceNOW, find out how a paralyzed woman manipulates a robotic arm with her mind to successfully drink from a cup. Correspondent and New York Times technology columnist David Pogue explores this experiment conducted by the BrainGate research team of doctors, scientists, and engineers. BrainGate investigators explain the placement of a sensor on the brain of a stroke victim, how a person's arm moves, and how complex the brain's control of movement is.

GET MOVING!

[Work Out Like an Avenger](#)

Train like a superhero with these kickboxing exercises inspired by the popular Marvel characters.

CHANNEL 56 HIGHLIGHTS AND LEARNING ACTIVITIES

10:00 a.m. - Magical Land of Oz: Ocean (Nature)

A natural history exploration of Australia's magical coasts and islands where three oceans create the perfect environment for whales, giant cuttlefish and sharks.

Resource: [Baby Sea Turtle Journey to the Ocean - Video](#)

1:00 p.m. - Genius by Stephen Hawking: Where Are We? (Science)

Professor Stephen Hawking challenges a selection of volunteers to think like the greatest geniuses in history and solve some of humanity's most enduring questions.

Resource: [Eclipses / Crash Course Astronomy - Video](#)

WORLD CHANNEL (56.4) HIGHLIGHT

2:00 p.m. - 10 Modern Marvels That Changed America

A whirlwind tour of 10 engineering feats that made our civilization possible: from the Erie Canal and Eads Bridge, to the Holland Tunnel and Hoover Dam.

Resource: [Building the Erie Canal](#)

PARENTS:

[Use Coping MSU Extension Extras Parenting Hour- RELAX: Alternative to Anger for Parents and Caregivers Cards to Control Anxiety and Pain](#)

This free series of parenting workshops will provide parenting guidance for parents of young children as they navigate the challenges and concerns of parenting in these new circumstances. Participants may register for as few or as many workshops as they wish.

TEACHERS:

[5 Ways That Digital Portfolios Can Expand Learning Opportunities](#)

If you are interested in giving your students the opportunity to have the most authentic learning experience possible, it all starts with creating a digital hub for their learning experiences to happen. - Jeffrey Bradbury, Educator, Speaker, Broadcaster, Teacher Cast Educational Network

SPECIAL EVENTS:

[Barbershop Books - Storytime](#)

Enjoy the latest story from Barbershop Books Storytime.

Did a friend send this to you? [Have this newsletter delivered to your own inbox.](#) Scroll down, and you can catch up on all earlier newsletters and other resources from Detroit PBS KIDS.

Thanks to these partners for their advice and resources:



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