

Accelerate Learning Enhances STEMscopes Digital STEM Curriculum with Student and Teacher Materials from New York Hall of Science

HOUSTON – Oct. 30, 2019 – [Accelerate Learning](#) has enhanced the award-winning [STEMscopes™](#) digital STEM curriculum with online curriculum materials created by the [New York Hall of Science \(NYSCI\)](#). The two organizations previously partnered to develop [STEMscopes DIVE-in Engineering](#).

“[Transmissions: Gone Viral](#),” a web-based interactive comic book created by NYSCI for youth ages 10 to 14, has been integrated in the Human Bodies and Systems scopes in STEMscopes. In the comic book, which is loosely based on the 1999 West Nile Virus epidemic in New York City, a trio of young people investigate a mysterious virus plaguing animals and humans. The narrative models the science inquiry process of collecting and analyzing evidence, while embedded interactives invite students to join the investigation. The online comic and teacher guide complement the STEMscopes curriculum by focusing on the homologous structures between human and nonhuman animals, the process by which vector-borne and zoonotic diseases are transmitted and spread, and how these diseases affect animal systems.

NYSCI’s “[Playground Physics](#),” which includes an app and supplemental six-week curriculum for middle school students, is now part of the STEMscopes Force and Motion units. Together, the app and three-dimensional curriculum build a bridge between the kinesthetic experience of physical play and the concepts of energy, force, and motion. As students record videos of themselves engaging in playground activities, the app generates graphs to help them visualize data such as the distance traveled, speed, direction, kinetic and potential energy. The inquiry-based lessons and activities help students think about and reflect on their experiences and the physics principles.

“Digital tools like comics and apps bring science to life in a way that young learners can feel engaged with,” said Laycca Umer, manager of research, exhibits and programs at NYSCI. “We’re excited to be able to enhance the STEMscopes curriculum with these new activities.”

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About STEMscopes

STEMscopes, created by Accelerate Learning Inc., is an award-winning, research-based national leader in PreK-12 STEM curriculum. Used by over 4.5 million students across all 50 states, STEMscopes provides comprehensive digital resources, supplemental print materials, and hands-on exploration kits that drive engagement and academic growth. For more information, visit [stemscopes.com](#) or call toll-free [800-531-0864](#).

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