

Optional Extension Activities for Engagement

Resource	URL	Explanation
Khan Academy	www.khanacademy.com	Khan Academy is a free, award-winning on-line learning resource that empowers learners to study at their own pace in and outside the classroom.
NCTM Illuminations	https://illuminations.nctm.org	Students in middle school will find over 100 activities (e.g., virtual manipulatives, applets, and games). There are also <i>Calculation Nation</i> games wherein students can challenge themselves as well as opponents from anywhere in the world.
Math TV	www.mathtv.com	One user described MathTV as the Netflix of online learning. This website is home to 10 thousand free math videos covering topics such as algebra, geometry, trigonometry, and calculus. However, their “Basic Math” topic will be most relevant for middle school students.
IXL	https://www.ixl.com/membership/teachers/trial/closure	IXL is built on four key components: comprehensive K-12 curriculum, a Continuous Diagnostic, personalized guidance, and real-time analytics. Free IXL access for 90 days is offered in addition to a free webinar series with strategies for at-home learning, plus implementation resources and videos to help plan for school closures.
Illustrative Mathematics	www.illustrativemathematics.org	Select “Free Resources” then choose “Content Standards” and select your grade. From there, a list of problems will appear.