NASA, Khan Academy collaborate to bring STEM opportunities to online learners

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Kim Lichtenberg, a scientist and engineer who works on NASA's Mars Exploration Rover missions, introduces the learning tutorials developed by Khan Academy in collaboration with NASA.

NASA and Khan Academy, a non-profit educational website, today debuted a series of online tutorials designed to increase student interest in science, technology, engineering and mathematics, or STEM. The announcement of the new collaborative effort was made today at the 6th annual White House Science Fair.

The interactive education lessons invite users to become actively

engaged in the scientific and mathematical protocols that NASA uses everyday to measure our universe, to explore the exciting engineering challenges involved in launching and landing spacecraft on Mars, and to learn about other space exploration endeavors and destinations.

Exciting and realistic simulations, challenges and games transport students deep into STEM subjects, blending NASA's space exploration expertise with Khan Academy's compelling approach to online self-paced learning. The innovative collaboration on this pilot program began last summer with NASA supplying technical content and subject matter experts to ensure authenticity of the learning experiences and Khan providing proven expertise in delivering interactive online learning experiences for millions of learners worldwide.

  More information: These dynamic educational materials are free and available onlineL www.khanacademy.org/partner-content/nasa

Provided by NASA

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