

CIRCULAR CLASSROOM



GREENLIGHT
SOLUTIONS



GREENLIGHT GREENPAPER

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The Circular Classroom aims to engage and teach students about sustainability and circular economics through a virtual presentation.

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PROJECT SPONSOR: MICROSOFT CORPORATION

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Challenges & Opportunities

This project is sponsored by Microsoft Corporation, who graciously provided the funds and materials to bring this initiative to live. Skyline High School in Mesa, Arizona had a challenge concerning student engagement during the COVID-19 pandemic, and they needed an engaging curriculum for the students to learn more about economics. A challenge that we had from a sustainability standpoint is that many students are not being informed or educated about sustainability, nor are they choosing a career in it. This presents a valuable opportunity to go into the classroom virtually and talk directly to students about circular economics and how they can make a sustainable impact for the planet.

Recommended Solutions

Our team came up with several solutions for the challenges that were presented to us. We came up with the idea to have a live, virtual presentation to make it more interactive and engaging for the students to learn. This presentation will also teach the students about college degree programs and future career options in the field of sustainability. We will also be making the presentation very informative on the topic of the circular economy, and we will be showing a video of the process of converting bottle caps to 3D printer filament and then the 3D printing process. Preparing a worksheet ahead of time for the students to do more indepth research will also allow for the students to be more engaged during the presentation. Finally we will be hosting a school-wide bottle cap collection campaign so that all students at Skyline High School can be involved in the process and learn about sustainability.

Project Benefits

BENEFITS TO PROJECT PARTNER

Skyline High School benefits from having our team come in to teach the curriculum on the circular economy to the students. They will also be provided engaging content so the students can learn how a circular economy makes communities more sustainable.

BENEFITS TO SOLUTIONEERS

Our Project Team benefits from leading educational presentations which share ways of being more sustainable and getting the students interested in careers in sustainability.

BENEFITS TO THE COMMUNITY

Our community will benefit from having the students be more educated on a circular economy and more students going into the field of sustainability. This will greatly benefit the entire community by making the world a more sustainable place once these students become professionals in the working world.