

KCDS Grade Four: Technology (Grade Level at a Glance)

1st Quarter

<p style="text-align: center;"><u>Unit 1: (3 weeks)</u> <u>Save it to the Cloud -- Creating and Publishing Google Docs</u></p> <p>In this unit, students will review typing/keyboarding and use Google Docs to create original compositions about computer lab procedures and expectations. They will format their text, insert pictures, give credit to their sources, and publish their work.</p>	<p style="text-align: center;"><u>Unit 2: (4 weeks)</u> <u>Create, Share and Keep All Your Stuff in One Place -- Presentations the Google Drive Way</u></p> <p>In this unit, students will create Google Presentations focusing on their best characteristics, interests, pastimes, and/or future plans. This unit will build on the skills of Unit 1, while also integrating transitions and live presentation skills.</p>	<p style="text-align: center;"><u>Unit 3: (2 weeks)</u> <u>The Cell is the Smallest Unit of...A Spreadsheet -- Google Forms and Spreadsheets</u></p> <p>In this unit, students will collaborate on a Google Form that will be shared with all fourth grade students. After the data from the form has been routed to a Google Spreadsheet, the students will work in partners to reorganize the data and use it to create charts for publishing.</p>
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2nd Quarter

<p style="text-align: center;"><u>Unit 4: (3 weeks)</u> <u>Search and Research -- Using the Internet to Gather Information</u></p> <p>In this unit, students will apply digital tools to gather, evaluate, and summarize information. Focusing on nonfiction topics of choice, students will practice searching online, compare and contrast reliable and unreliable online sources, communicate their research using Google Docs, add imagery, document their resources and publish their work.</p>	<p style="text-align: center;"><u>Unit 5: (3 weeks)</u> <u>Digital Citizenship -- The Safe and Ethical Use of Technology</u></p> <p>In this unit, students will actively listen to presentations on Internet safety, cyber bullying, and best practices with technology. They will use their new information to collaborate with a partner or small group to create Google Docs that explain and illustrate the safe and ethical practices they have learned; the Google Docs will be published and displayed at school.</p>	<p style="text-align: center;"><u>Unit 6: (3 weeks)</u> <u>Researching and Presenting Information -- The Internet and Google Spreadsheets</u></p> <p>In this unit, students will utilize online research to create Google Spreadsheets, format Spreadsheet cells to calculate formulas, credit their sources, and publish their work. Topics will be student-inspired, focusing on costs to budget specific projects.</p>
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3rd Quarter

<p style="text-align: center;"><u>Unit 7: (3 weeks)</u> <u>Our United States -- Presented Through Google</u></p> <p>In this unit, students will continue to practice online research. Focusing on social studies topics such as Illinois and the Midwest, students will create Google Presentations to share with the class. Special attention will be paid to correct slide layout and presentation skills.</p>	<p style="text-align: center;"><u>Unit 8: (3 weeks)</u> <u>Creativity is Learning -- Using Glogster to Communicate Research</u></p> <p>In this unit, students will research a chosen topic, gather information, pictures, sound files and/or video files from reliable websites, and use these to create a unique, interactive digital poster, called a "Glog." These will be published for other students to enjoy.</p>	<p style="text-align: center;"><u>Unit 9: (3 weeks)</u> <u>21st Century Communication -- Email and Email Etiquette</u></p> <p>In this unit, students will write emails to faculty and other students using proper email format. They will learn to use the Keith School Gmail formatting options and how to email links and attachments.</p>
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4th Quarter

<p style="text-align: center;"><u>Unit 10: (3 weeks)</u> <u>A Picture is Worth A Thousand Words -- Digital Storytelling</u></p> <p>In this unit, students will collaborate to create digital stories summarizing fiction texts in Google Presentations. Students will choose relevant images, arrange them in a logical order, create a soundtrack to their story, and present their work.</p>	<p style="text-align: center;"><u>Unit 11: (2 weeks)</u> <u>Google Drawings as Digital Publications</u></p> <p>In this unit, students will choose a research topic to summarize in text and visuals using Google Drawing. Skills to complete this project include creativity, reading and summarizing, staying organized in order to record all resources, and using a sense of design to lay out the "posters" in a pleasing way.</p>	<p style="text-align: center;"><u>Unit 12: (4 weeks)</u> <u>I Create The Art -- Digital Photography</u></p> <p>Working in small groups, students will take digital photographs of the Keith campus. They will upload the photos to a Google presentation and to create a culminating slideshow. Creativity and humor will be encouraged because the presentations will be published and enjoyed digitally.</p>
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