

6-8 Summer Tech

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A few ideas Summer themed ideas for grade 6-8 students follow.

Project Ideas:



Making a Schedule

Learning.com Project: [Making a Schedule](#)

NOTE: This is a great lesson to use in conjunction with other projects listed below to teach time management of the projects.

Grade Band: 3-8

Time Needed: 20-80 min

Core Subject Focus: ELA

Description: Students create a calendar page to monitor a project with a schedule. This project will aide students in creating a time management tool for future use.

Tech Skills: Spreadsheets

Pre-requisite Lessons:

- [Spreadsheets: Parts](#)
- [Spreadsheets: Cell Formatting](#)
- [Spreadsheets: Columns and Rows](#)

Sample Project Timeline:

- Complete Warm-up and first two steps of Activity in the Lesson Plan. (20 min)
- [Spreadsheets: Parts](#) (9 min)
- [Spreadsheets: Cell Formatting](#) (12 min)
- [Spreadsheets: Columns and Rows](#) (10 min)
- Students launch district-adopted spreadsheet tool and apply skills learned. (20 min)
- Students complete project. (30 min)



Learning.com Project: [Summer Online Safety PSA](#)

Grade Band: 6-8

Time Needed: 120-200 min

Core Subject Focus: ELA

Description: Students will create an online safety Public Service Announcement (PSA) to remind students about how to stay safe online during the Summer.

Tech Skills: Online Research, Recording Software

Pre-requisite Lessons:

- [Internet Usage: Validity and Sourcing](#)
- [Word Processing: Creating Original Works](#)
- [Multimedia: Creating and Editing Video and Audio](#)

Sample Project Timeline:

- Teacher guides students through Warm-up in Lesson Plan to prepare for learning.
- [Internet Usage: Validity and Sourcing \(20 min\)](#)
- Students research and identify ways to stay safe online during the summer.
- Students determine the main idea of their PSA.
- [Word Processing: Creating Original Works \(45 min\)](#)
- Students write a script about their PSA.
- Students design a storyboard about their PSA.
- Students rehearse their PSA.
- [Multimedia: Creating and Editing Video and Audio \(15 min\)](#)
- The teacher reviews how to use the video camera or the camera students will be using. If the district allows students to use their own devices, they can use their phones to record the video. Optionally, students can use a presentation software to create their PSA.
- Students create a short PSA using the available tools.

LET'S TAKE A TRIP



Learning.com Project: [Let's Take a Trip](#)

Grade Band: 6-8

Time Needed: 60-105 min

Core Subject Focus: ELA, Social Studies

Description: Students will use Internet search tools to research and plan a trip to a destination of their choice.

Tech Skills: Online Research, Word Processing

Pre-requisite Lessons:

- [Internet Usage: Effective Search Strategies](#)
- [Internet Usage: Ethical Use of Digital Resources](#)
- [Word Processing: Flyer Print Design](#)

Sample Project Timeline:

- Teachers introduce project.
- [Internet Usage: Effective Search Strategies](#) (15 min)
- Teachers walk students through Warm-Up section of Lesson Plan
- Inform students that they will be using the Internet as a search tool to plan a trip to a location/destination of their choice.
- [Internet Usage: Ethical Use of Digital Resources](#) (15 min)
- Provide students with 10 minutes to casually search for location/destination ideas, and instruct them to make their final decision at the end of this time limit.
- Pass out the [Let's Take A Trip: Graphic Organizer](#) and tell students to use search tools to complete it.
- As students complete the graphic organizer, pair them up to share/compare with a peer regarding their trips.
- [Word Processing: Flyer Print Design](#) (15 min)
- Wrap-up section of Lesson Plan.



Learning.com Project: [Booking Brian's Vacation](#)

Grade Band: 6-8

Time Needed: 60-165 min

Core Subject Focus: ELA, Social Studies

Description: Students (acting as travel agents) will research travel times and locations for when their friend, Brian, takes a vacation.

Tech Skills: Online Research, Spreadsheets, Images & Graphics, Word Processing

Pre-requisite Lessons:

- [Internet Usage: Being a Global Citizen with Mapping Tools](#) (15 min)
- [Spreadsheets: Basic Formatting](#) (15 min)
- [Spreadsheets: Parts and Navigation](#) (15 min)
- [Spreadsheets: Formulas](#) (15 min)
- [Multimedia: Creating and Enhancing Images and Graphics](#) (15 min)
- [Internet Usage: Effective Search Strategies](#) (15 min)
- [Word Processing: Flyer Print Design](#) (15 min)

Sample Project Timeline:

- Teacher gives overview of project.
- [Internet Usage: Being a Global Citizen with Mapping Tools](#) (15 min)
- [Internet Usage: Effective Search Strategies](#) (15 min)
- Teacher walks students through Warm Up & Activity. Students will use a spreadsheet to create the itinerary outline and do calculations. So, first review spreadsheet concepts with the following lessons.
- [Spreadsheets: Basic Formatting](#) (15 min)
- [Spreadsheets: Parts and Navigation](#) (15 min)
- [Spreadsheets: Formulas](#) (15 min)
- Next, they will create a document for their customer using Word Processing Flyer design.
- [Multimedia: Creating and Enhancing Images and Graphics](#) (15 min)
- [Word Processing: Flyer Print Design](#) (15 min)
- Students share projects.



Learning.com Project: [Swimming Pool](#)

Grade Band: 6-8

Time Needed: 35-60 min

Core Subject Focus: Math, ELA

Description: Students will describe the process of digging a hole for a new swimming pool. They will demonstrate what happens when they take the dirt out and how that constitutes a negative value. Students will also make measurements for different fractions, decimals, and percent of the pool to show progression of numbers.

Tech Skills: Computational Thinking, Drawing Tools, Online Calculator

Pre-requisite Lessons:

- [Computational Thinking: Models and Simulations](#)
- Locating the online calculator

Sample Project Timeline:

- *Teachers introduce project*
- [Computational Thinking: Models and Simulations](#) (15 min)
- Teachers should preview student project and lead them through the Student Activity.
- Students will ultimately publish their swimming pool using a drawing program, Word Processing or Presentation software.