

September 14, 2021

WELCOME TO STEAM WEEK! DAY TWO- TECHNOLOGY!

GOOD MORNING STEAM @ TOPE FAMILY! Take a moment to breathe in, breathe out and settle in for a few minutes.

We are STEAM @ Tope Elementary! EVERY ONE OF YOU IS A VERY IMPORTANT PART OF THIS SCHOOL. The STEAM acronym stands for Science Technology Engineering Art and Math. This week, we are taking one of those letters and learning about what it means and its importance. TODAY, WE ARE GOING TO INVESTIGATE TECHNOLOGY! What is TECHNOLOGY and why is it important?

**Technology** is the **skills, methods, and processes** used to achieve goals.

People can use technology to:

- Produce **goods** or **services**
- Carry out goals, such as **scientific investigation** or sending a **spaceship to the moon**
- Solve problems of the world

<https://kids.kiddle.co/Technology>

Most of you love the kind of technology that entertains you- video games, cell phones, computers and television. All of which can be good----- in small doses. However, if you are finding yourself obsessed with this kind of technology, it can be unhealthy. Technology is FAR beyond just entertainment. Technology brings skills, knowledge, process, technique, and tools together for solving problems of human beings, making our lives more secure and easier. Technology is important today because **technology is driving the world and making the world better in many ways.**

As you walk down your path of awesome, begin to think about your world through the lens of technology. What are the positive and negative aspects of technology? How are you keeping a healthy relationship with the T in STEAM?

#### **VOCABULARY--**

Technology

investigate

#### **VIDEO- OPTIONS! Choose your own video and activity/discussion.**

#### **EVERYONE-**

[Technology](#) -- LEGO LEAGUE STUDENT LEADERS TOPE ( A very short and sweet video from our Lego League team from last year showing younger students what they do.)

#### **ALL LEVEL OPTIONS-**

<https://mysteryscience.com/mini-lessons/inventions#slide-id-9535> How do you become a Great Inventor? (K-5) This is a great way to introduce technology within inventing.

<https://www.youtube.com/watch?v=kZfOVg07sys> Technology Small Talk (2:48) (K-5) Great opportunity to discuss the good, the bad and the ugly of technology. (In this episode of Small

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Talk, we look at the role technology plays in our lives and how it helps us, but why it's also important to unplug now and again.)

[https://www.youtube.com/watch?v=ax6bUF\\_8txM](https://www.youtube.com/watch?v=ax6bUF_8txM) Story Bots explore Technology (7:25) (K-5)

The StoryBots learn about computers, cell phones, electricity, and more!

<https://www.youtube.com/watch?v=c7FMfQJw6Jk> How Technology Changes our Lives (3:08)

(K-5) Discusses the advantages of technology and how it meets human needs, it does touch on the risks of technology.

### **INTERMEDIATE OPTIONS-**

<https://www.youtube.com/watch?v=9OvFDkA6qU> FCC It is time to go full speed ahead (7:48)

A longer, more intermediate video that really gets at the heart of technology today.)

<https://www.youtube.com/watch?v=6CWsLR5SuyU> PowToon Technology (3:28) (4-5) Robot

like voice discussing advantages/disadvantages

<https://www.youtube.com/watch?v=-ny6hipwXbU> How Technology has Changed our Lives

(4:22) (4-5)(intermediate) This one relates technology to improving the business world.

<https://www.youtube.com/watch?v=7rbDlx69ORE> Is Technology Making our Lives Better or

Worse? (1:07) (4-5) (This is a great, quick activity for setting kids up for a writing prompt for

pros and cons)