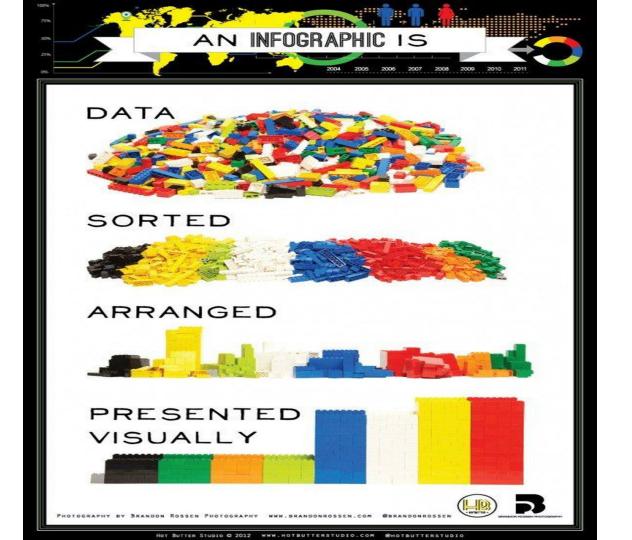
S.T.L.P. Student Technology Leadership Program using digital products for online judging competition.

Infographics

What are they?

Information graphics or **infographics** are visual representations of information, data or knowledge. These graphics are used where complex information needs to be explained quickly and clearly, such as in signs, maps, journalism, technical writing, and education. They are also used extensively as tools by computer scientists, mathematicians, and statisticians to ease the process of developing and communicating conceptual information.



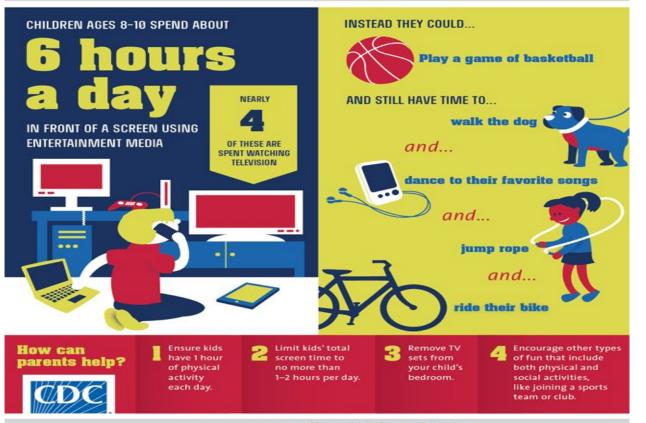
SCREEN TIME <u>SCREEN TIME</u>

Do you know how much entertainment screen time kids get? Time in front of a screen is time kids aren't active. See how much screen time kids of different ages get and tips for healthier activities.

11-14

15-18

8-10



AGE

GROUP

FOR MORE INFORMATION, VISIT MakingHealthEasier.org/GetMoving



The science is clear... our kids eat more sodium than what is safe and recommended.^{1,2} Schools can play an important role in helping our kids get and stay healthy. As part of the effort to bring sodium to moderate levels for our kids, the U.S. Department of Agriculture (USDA) established sodium limits for school meals, which are being carried out in three gradual phases until the 2022-2023 school year.²



MYTH^{#2} vs FACT

Scientific evidence to support a decrease in sodium for school meals is inconclusive. There has been a lot of noise about some sodium studies, leading to confusion and helping efforts to undermine nutrition standards for school meals.



A large body of scientific research indicates that lowering odium intake lowers blood pressure in adults and children.⁸

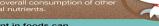


More than 99% of schools are successfully meeting the updated meal standards.⁹ Some schools are already meeting the USDA's 2017 targets. Many companies already offer foods that meet the target limits set by the USDA.¹⁰

A variety of methods exist that can help reduce sodium in foods¹¹, and modelling suggests that some newly developed ingredients could make a big impact.¹²

Kids won't like the taste of foods lower in sodium and, as a result, will eat less of these foods, robbing them of the beneficial nutrients they provide.

Replacing nutrient-poor, high-sodium foods with healthier foods could improve overall consumption of other beneficial nutrients.



Gradually lowering the sodium content in foods can decrease kids' (and adults') taste for salty food over time.¹³

To find out more about the Healthy, Hunger-Free Kids Act, visit: heart.org/schoolmeals To find out more about sodium reduction, visit: heart.org/sodium

In testing of Medicine (DME, 2004). Defary Reference Induces for Water, Polessiam, Sodium, Chhoride, and Sullan. Weekington, DC. The National Academics Press. 2 U.S. Department of Agriculture Agriculture Agriculture Research Service. 2012 Mutrinol Induces International Conference International

April 22nd is Earth Day Here are some things you can do

to make our planet a better place to live.

Talk to people at home

or to your teacher about

planting a garden to attract

butterflies and birds. These

dardens provide habitats to

replace those taken away

by buildings, streets, and

parking lots. 🐣

Here are some things you can do to help plants and wildlife.

Do not disturb the natural habitats of plants and animals. Do not pick wildflowers or dather critters for pets. =>

it away.

new ones.

Pet waste has bacteria that can threaten fish and wildlife. Clean up after your dod so its waste can't drain into lakes. rivers, and streams during a rainstorm. 📦



Reduce the amount of garbage you make. Reuse things instead of throwing them out.

Recucie paper, plastic, glass. and aluminum.

Fix something that's broken instead of throwing When you buy something, carry it home are made to last. without a bag or take your own bag to the store. Avoid using throwpackaging.

away forks and cups. holders for things like Refill empty bottles of water instead of buyind pencils and pens.

Use both sides of every sheet of paper, Save scrap paper for recyclind. Buy and use things that

Buy goods that require less wrapping and

Reuse empty jars as

Instead of throwing out food waste and grass clippings, use them to make compost, which turns into new soil.

Separate trash so you can recycle paper, glass, aluminum cans, and plastic.

Take old cell phones and other electronic equipment to a recycling center.

Your Part

There are many ways to reduce your carbon footprint. One way is to use less energy. Another is to consume food items that require less energy during the production process.

Compact Fluorescent Lights, or CFLs, use 75 percent less energy than standard bulbs. Plus, they last longer. Talk with adults in your home about choosing CFLs instead of standard bulbs.

Help move furniture away from radiators, so heat does into a room and is not absorbed by the furniture.



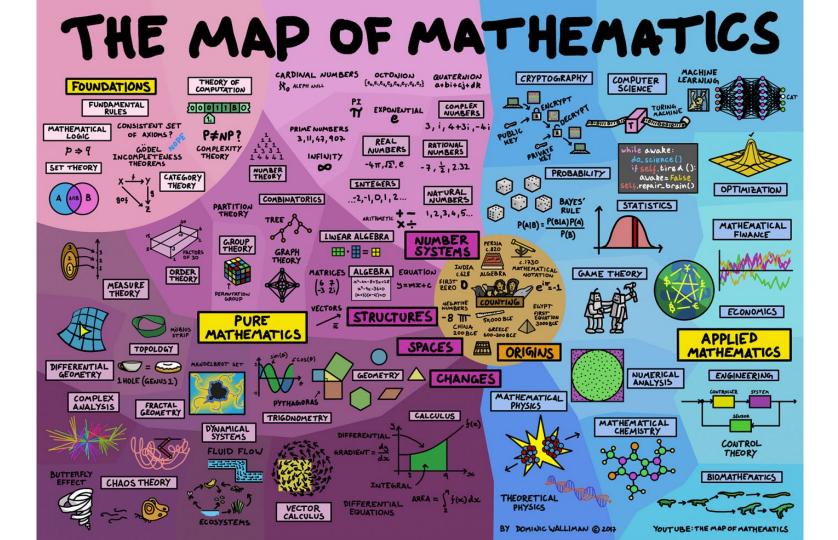
Homes should not be kept freezing in summer and boiling in winter. Ask adults to keep

the indoor temperature at 75°F in summer and 68'F in winter.

To cut down on pollution linked to shipping and packaging food. plant a vegetable garden. Talk with adults who buy your food about choosing food that is grown locally (within 100 miles of home).

Processed foods, which are frozen, canned, or packaged, carry a big carbon footprint. Eating fresh food reduces your carbon footprint. Whenever possible, choose baked potatoes instead of potato chips. Eat an apple instead of applesauce.

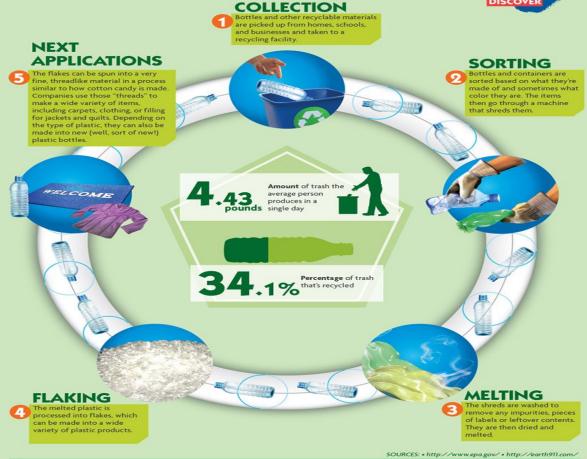
KIDS Text: Kids Discover Conservation Infotoon: Michael Kline (dogfoose.com)





GOOD JOB! You tossed that plastic bottle into the recycling bin rather than straight into the trash. But do you know what will happen to that bottle now?

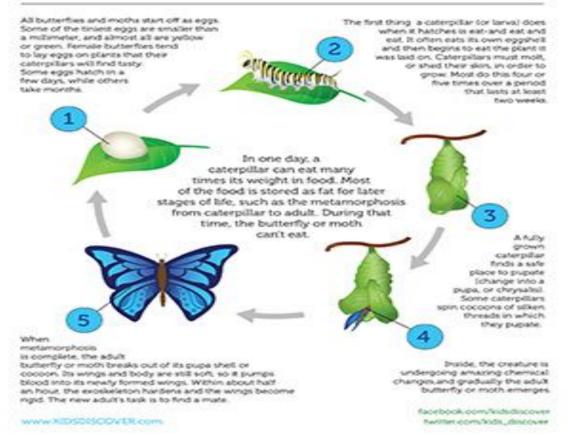




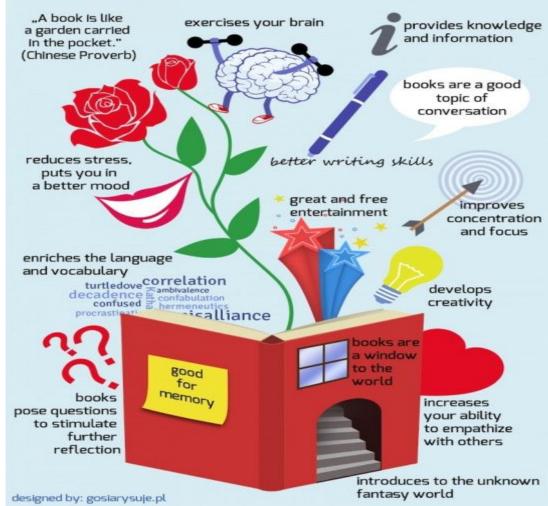
The Life Cycle 🔿

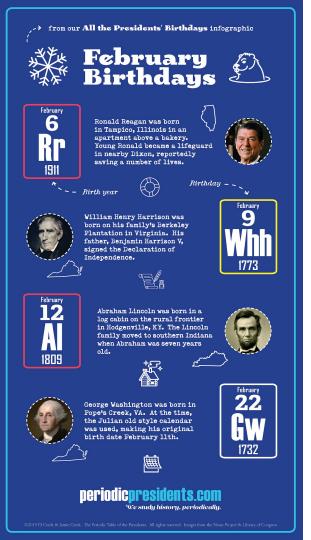
The bite span of an adult butterfly or moth is amazingly short. A few adults live as long as 18 months, while most last no more than two weeks. Each of them, though, goes through the biggest change known to nature. Their metamorphosis from a caterpillar into an adult is a miracle to behold!





THE BENEFITS OF READING BOOKS





I can create something that shows what I am learning. I.B.3. INQUIRE: CREATE

I can find and examine information from a variety of sources. IV.A.2. CURATE: THINK

I can use information ethically and obey copyright as I communicate with websites, social media or blogs. IV.C.2. CURATE: SHARE

Critical Vocabulary:

Infographic, visual representation, knowledge, data,

Task to complete:

You will be creating an infographic poster using your chromebook and google slides presentation.

Resources: information from this year's classes, World Book Online, Brainpop, Autodraw illustrations

The infographics that meet the criteria for the S.T.L.P., Student Technology Leadership Program, competition will be entered into the online Kentucky contest.

https://stlp.education.ky.gov/wp-content/uploads/2016/09/STL P-Infographic-Product-Rubric.pdf

Digital Products: Task: to create an original photo product

Rubric

https://stlp.education.ky.gov/wp-content/uploads/ 2017/12/STLP-DPOJ_Original_Photo_Rubric.pdf

ePublishing Product- Recycle Team

Rubric

https://stlp.education.ky.gov/wp-content/uploads/2017/12/STL P-DPOJ_Original_Photo_Rubric.pdf

Digital Art Product option -creating own design

Digital Art Rubric

http://stlp.education.ky.gov/wp-content/uploads/2015/12/STLP-DPOJ-Digital-Art-Rubric.pdf

Student Sample

http://eisstlp.weebly.com/

S.T.L.P. website for the DPOJ Digital Product Online