



KinderTown Summer Camp: How Creative!

July 31st–August 6th
Focus: Art, Math, Geography, and Science



Overview

Family Activity

- 💡 **Invention Mapping:** Review the list of inventions from around the world. Have each family member predict the country in which it was first invented. Then do some research to find out the country in which it was invented, locate that area on a map, or pin it to Google Maps. (*Geography and Science*) ➔ See Activity Guide | Page 3-4

Pre-Kindergarten – Early Elementary Activities

- 💡 **Play Dough Mats:** Develop creativity, motor skills, and problem-solving skills by sculpting and forming dough in a variety of ways. Add them to the mats that can be found at <http://www.prekinders.com/category/math/playdough-math/> (*Art*)
- 💡 **Invent a Hide-away Space:** Create a hide-away space with materials from around the home such as tables, chairs, sheets, blankets, towels, laundry basket, elastic bands, binder clips, and string. See if your camper can make a space to fit different criteria (just for one person, can only lie down in it, can sit up in it, can stand in it, has a window, lights up, only stuffed toys can fit in it, etc.). (*Art and Science*)
- 💡 **Can You Fix It?:** Provide plastic items such as utensils or plates that are broken, along with tape and other adhesives. Can your camper make each one look different and reusable in a new way? What can he create if he combines parts from different objects? Can he come up with a new use for the object he created? (*Problem Solving*)

Elementary Activities

- 💡 **Masterpiece:** Use craft supplies and recyclables found in your home to create an original work of art, a new toy, machine, or building structure. Give your masterpiece a name and explain its use or meaning. (*Art*)
- 💡 **Creative New Uses:** Determine new uses for our list of ordinary items. For example, what else can you do with a muffin liner? Could it be a “drip catcher” if slid onto the stick of a frozen juice bar? Experiment to see what else it (and other items on the list) can do. Demonstrate the new use if possible or explain it to a family member. (*Science*) ➔ See Activity Guide | Page 5
- 💡 **Reinvent a Stuffed Toy:** Carefully take apart a stuffed toy (one that is no longer loved or one from a thrift store). Save all the parts. Find new uses for each of the pieces or put the stuffed toy back together in a new way. Share your new invention(s). (*Science*)

Upper Elementary Activities

- 💡 **Toxic Waste Game:** Move imaginary toxic waste to a neutralization container (laundry basket, cooler, bucket, or box). Create a circle on the ground approximately 8 feet in diameter and label it the “radiation” zone. Place a bucket full of water or balls in the center of the circle. Give your camper a selection of tools (some useful and some not) to help him transfer the items from the bucket to the neutralization container that is at least 20 feet away. Suggestions for tools might include fishing poles, bungee cords, smaller buckets, cups, yard sticks, broom sticks, and other items that can empty the bucket and move items to the new location. Variation: each time you drop the ball, you need to choose a new tool. (*Math and Science*)
- 💡 **Always Room to Improve:** Select an everyday item such as scissors, a comb, or toothpaste. Write or draw a proposal describing how the item could be improved. (*Science*)



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Overview Continued

Upper Elementary Activities

💡 **What's Your Angle?:** Take pictures with a camera, phone, or tablet from the following views: Bird's-eye, bug's eye, close up, wide angle, from your feet, from your hip, or over your head. Snap a picture at night or in the morning; take a picture of a reflection or a picture with a reflection. If you are feeling up to a challenge, try some more advanced techniques.

Framing is the technique of drawing attention to the subject of an image by blocking other parts of the image with something in the scene (see example).



Forced perspective creates an optical illusion to make an object appear farther away, closer, larger or smaller than it actually is (see example). Share your photos in a slide show. (Art and Math)





Directions

- 💡 Research to learn the country in which each of the items listed below was invented. Then locate that area on a map or pin it to Google maps online. If you like, you can further investigate to learn who invented it and when.
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Items:

- 💡 Dynamite
- 💡 Postage Stamp
- 💡 Tractor
- 💡 Paper Money
- 💡 Remote Control
- 💡 Saxophone
- 💡 CD
- 💡 Hot Air Balloon
- 💡 Pocket Watch
- 💡 Mercury Thermometer
- 💡 Piano
- 💡 Soft Contact Lenses
- 💡 Color TV



Answer Key:

- 💡 Dynamite: **Sweden**
- 💡 Postage Stamp: **United Kingdom**
- 💡 Tractor: **United States**
- 💡 Paper Money: **China**
- 💡 Remote Control: **Austria-Hungary**
- 💡 Saxophone: **Belgium**
- 💡 CD: **Japan**
- 💡 Hot Air Balloon: **France**
- 💡 Pocket Watch: **Germany**
- 💡 Mercury Thermometer: **Netherlands**
- 💡 Piano: **Italy**
- 💡 Soft Contact Lenses: **Czech Republic**
- 💡 Color TV: **Mexico**



Directions

💡 Create at least one new use for:

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Items:

1. Muffin liner
2. Paper tube
3. Shower hooks
4. Binder clips
5. Empty tissue box
6. Empty water bottle or jug
7. Coffee filter
8. Empty lotion or shampoo bottle
9. Colander
10. Old sock (*no match*)
11. Lint roller
12. Plastic straw
13. Pool noodle
14. Hair clip
15. Empty soap box or glasses case
16. Ice cube tray or muffin tin
17. Make up brush
18. Coat hanger
19. Wooden skewers
20. Elastic bands
21. Emory board
22. Interlocking blocks
23. Toothpicks
24. Sticky notes
25. Tennis ball
26. Ice cream scooper
27. Pizza cutter
28. Whisk
29. Masking tape
30. Paper towel (*1 sheet*)



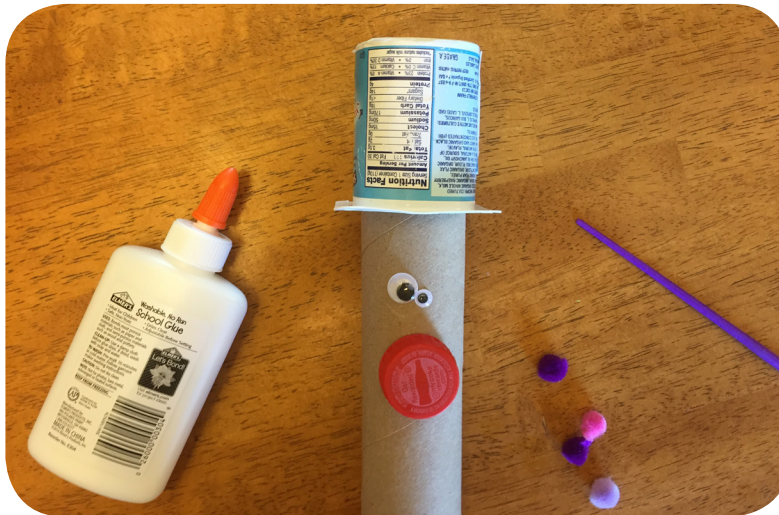
Play Dough Mats

📷 Post a photo on social media with **#KTcreate** of your play dough creation.



Masterpiece

📷 Post a photo on social media with **#KTcreate** of your creative masterpiece.



Toxic Waste Game

📷 Post a photo on social media with **#KTcreate** of your toxic waste creation.





Invent a Hide-away Space

📷 Post a photo on social media with **#KTcreate** of your hide-away space.



What's Your Angle

📷 Post a photo on social media with **#KTcreate** of your creative angle photo.

