Gifted @ Home

Grade Four
April 20-24, 2020

THINK	*"Investigating the Disneyland Parking Structure"* For this activity, you will estimate the number of parking spots in Disneyland's parking structure and then calculate how much money the structure brings in each year. Go to: https://byrdseed.tv/students/login.php?d=https://byrdseed.tv%2Fstudents%2Findex.php Class name: GradeFour2020 Password: gifted
PLAY	**Gomoku** is a Japanese traditional logic board game which is also known in English-speaking countries as *Five in a Row*. The name "Gomoku" is from the Japanese language, in which it is referred to as gomokunarabe (五目並べ). 'Go' means *five*, 'moku' is a counter word for *pieces* and 'narabe' means *line-up*. It is said to have originated in China.
SOLVE	**Math Baffler** *"Time for Lunch"*

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CREATE	### 30 Circles Challenge Turn as many circles as possible into objects in just 3 minutes!
WONDER	 *"How Old is the Earth?"* **Click on the student link** generated below to watch and find out: https://mysterydoug.com/mysteries/old-earth?code=a238fb2d817aec7d6fafdf4187e838a4
Explore	# CoderZ™ *CoderZ is an online STEM learning environment where students worldwide engage in Robotics and Computer Science Education (CSEd) by coding virtual 3D robots.* If you are interested in joining CoderZ and learning about coding and robotics while you are at home, follow this link I've created to be part of my online class with other students from the school district. https://play.gocoderz.com:443/login/#/joinclass/itchysignature You will need to complete your student registration.

Gomoku

Description

The game is played on a large piece of squared paper, at least 15 x 15. The players take turns in marking a square with their symbol (eg O and X). The first player to get five squares in a row, horizontally, vertically, or diagonally, wins.

Example

The following example shows a typical game won by the first player, O:
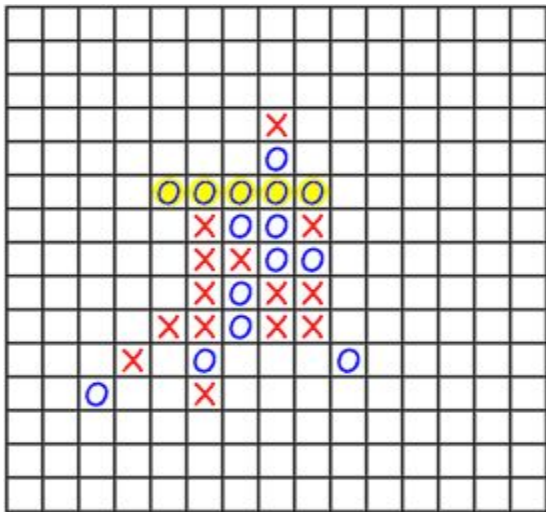
Time for Lunch

The Meyer triplets arrived home from preschool. Their mother had prepared sandwiches and other items for them. They could have their food, but only after they had all counted the seeds in their oranges, the chocolate chips in their cookies, the raisins in their little boxes, the M&M's ® in their packets, and the baby carrots in their bags. Each child had a different number of each item, and nobody had the same number of any items. (Hint: This means that if you circle "10" for one person, then you should cross out "10" in the other boxes for him or her.) Use the clues to discover how many of each item the triplets had.

Clues:
1. Layne had two fewer orange seeds than Payne.
2. Jayne had three more raisins than Layne.
3. Layne had three more carrots than Jayne.
4. Jayne had four fewer chocolate chips than Payne.
5. Layne did not have 15 M&M's.
6. The one who had 14 chocolate chips had ten carrots.

	Jayne	Layne	Payne
Seeds in Oranges	3 seeds 5 seeds 7 seeds	3 seeds 5 seeds 7 seeds	3 seeds 5 seeds 7 seeds
Chips in Cookies	10 chips 14 chips 18 chips	10 chips 14 chips 18 chips	10 chips 14 chips 18 chips
Raisins in Boxes	18 raisins 21 raisins 24 raisins	18 raisins 21 raisins 24 raisins	18 raisins 21 raisins 24 raisins
M&M's in Packets	10 M&M's 14 M&M's 15 M&M's	10 M&M's 14 M&M's 15 M&M's	10 M&M's 14 M&M's 15 M&M's
Carrots in Bags	7 carrots 10 carrots 13 carrots	7 carrots 10 carrots 13 carrots	7 carrots 10 carrots 13 carrots

From: Math Bafflers: Grades 3-5 @ Prufrock Press Inc.

30 CIRCLES CHALLENGE

Turn as many circles as possible into objects in just 3 minutes!