

Smore Science Digest

A biweekly science newsletter for kids

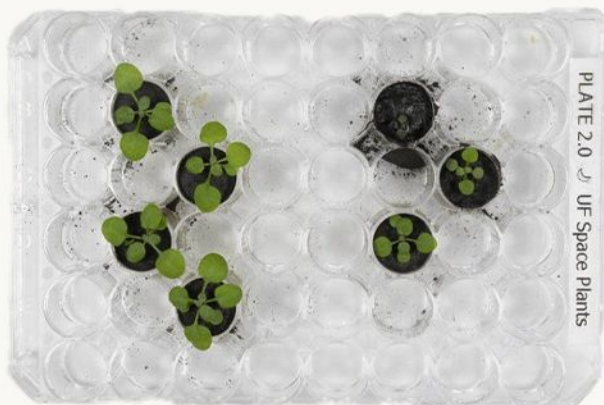
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Growing Vegetables On Moon

Trending News



Plants grown in soil from the moon.

The Moon might look a little green in the future. Scientists at the University of Florida have successfully grown plants on lunar soil, also known as lunar regolith. The scientists moistened the lunar soil with nutrient solution and planted Arabidopsis seeds in that soil. To their amazement, the plants grew. Although they were smaller and took longer to develop than plants grown in Earth's soil. The scientists concluded lunar soil does not interfere with plant germination, and growing crops in lunar regolith might solve food- and oxygen-related challenges in manned missions to the Moon. The timing of this research could have not been better, since the Artemis Program of NASA is planning to send astronauts to the lunar surface by 2025.

LOL



Word Scramble

Theme : Famous Scientists

1. ABLE SITE INTERN _____
2. WHEN PAGE THINKS _____
3. REAL WIND CRASH _____
4. JACK BEATS PARLIAMENT _____

HINT: 1)E=mc² 2)A Brief History of Time 3)Human evolution 4)Evolutionist, explained how giraffes got longer necks

Would You Rather:

(A)

Eat 3-D printed food for a day, or



(B)

Eat food without the ability to smell



Send us your pick and your reasoning (in 50 words or less) to info@smoremagazine.com. Your answer could be selected for publication in the next edition !!

Credit : NIH 3D Print Exchange

Did You Know ?

Silkworms are not the only producers of silk? In Indonesia, lotus silk (or vegan silk) is obtained from the sap of lotus stems and is intertwined to form threads.

Build A Structure Out Of Paper

STEM Building Challenge



It's time to explore your skills in making your own DIY structure. In this STEM challenge, we ask you to make a structure out of paper that can carry the weight of a heavy book or a shoebox filled with sand.

Think about what type of paper will be sturdy and suitable for the structure. Draw out your design ideas before you begin building the structure.

Rules:

1. The structure should be at least 8 inches tall
2. It should be exclusively made out of paper; do not use cardboard
3. The structure should be able to hold a heavy book, or a shoebox filled with sand

Workshop

2022 Sally Ride Science Academy Summer Workshop

Timings: 9-12 in the morning for AM sessions
1-4 in the afternoon for PM sessions

For details on enrollment, activities, and dates,

visit: <https://tinyurl.com/4h9yppx2>

How to solve a Futoshiki :

1. Fill in the 5 x 5 grid with numbers 1 to 5, such that no number is repeated twice in a row or column.
2. Place numbers according to the greater than and less than signs wherever applicable.

Lights Out Chills On !

STEM Around Us



Why does the monster under the bed come out at night, when it is DARK? Our fear of the dark is a trait we picked up down the evolutionary path. When we humans weren't at the top of the food chain and were food for predators that came out at night, we started to associate darkness with dangers that the predators posed. At night, our poor eyesight made us even more vulnerable. Hence, humans had to stay vigilant to survive dark nights, to avoid becoming someone else's food. These fears became instinctual. It still exists in us as mild anxiety, as a lookout mechanism that puts us in 'fight or flight' mode.

Brain Teaser



If £, \$, &, @ and # represent different digits, then what digits are they? None of the digits are zero.

$$£\$&@ \times 4 = \#@&\$£$$

Can You Do A Futoshiki ?

1				
		>	<	2
5		<	4	>
	1	<	<	<
			1	

Answers to puzzle in next edition.

Answers for (Previous Edition)

5	3	>	2	<	4	1
1	<	2	<	4	<	5
4	5	>	1	3	2	
3	1	5	2	4		
2	<	4	3	1	5	

Word Scramble - 1. CHAMELEON 2. SPIDER MONKEY
3. TORTOISE 4. PREYING MANTIS

Credits: Smore Science, Anubhav Ghosh, John Zakour, Sara Alexander, Manisha Mondal, Akshay Ashokan
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