



NextWaveSTEM

2023

STEM CALENDAR



# JANUARY

## MONTH OF 3D PRINTING

1 New Year's Day	2	3	4 <u>3D Printing with Sand</u>	5 National Bird Day	6	7
8	9 National Static Electricity Day	10	11	12	13 <u>3D Printed Snowflakes</u>	14
15	16 Martin Luther King Jr. Day	17	18 <u>Ambiguous Cylinder Illusion</u>	19	20	21
22 Lunar New Year	23	24 <u>Aztec and Mayan Structures</u>	25	26	27	28
29	30	31				



# FEBRUARY

## MONTH OF BLACK HISTORY

			1	2	3	4
			First Day of Black History Month	Groundhog Day	<a href="#">Pencil Catapult</a>	<a href="#">Learn about Black inventors</a>
5	6	7	8	9	10	11
	<a href="#">Learn about Black engineers</a>	<a href="#">Color Changing Flowers</a>			<a href="#">Pop Rocks Experiment</a>	
12	13	14	15	16	17	18
	World Radio Day	Valentine's Day	<a href="#">Build A Radio</a>	<a href="#">Learn about Black mathematicians</a>		<a href="#">Build A Battery</a>
<b>NATIONAL ENGINEERING WEEK</b>						
19	20	21	22	23	24	25
<a href="#">Paddle Boat</a>	Presidents' Day	<a href="#">Aluminum Foil Boat</a>	<a href="#">Paper Roller Coaster</a>	<a href="#">Girl Day</a>	<a href="#">Rube Goldberg Machine</a>	<a href="#">Egg Drop Lander</a>
26	27	28				
	<a href="#">Lava Lamp</a>					



# MARCH

## MONTH OF WOMEN IN STEM

			1	2	3	4
			First Day of Women's History Month	<u>Skittles Experiment</u>		World Engineering Day
5	6	7	8	9	10	11
	<u>NASA Women in History</u>		International Women's Day		<u>Wind Powered Car</u>	
12	13	14	15	16	17	18
	<u>Milk Rainbow</u>	Pi Day		<u>Influential Women in STEM</u>	St. Patrick's Day	
19	20	21	22	23	24	25
		<u>Stories about Women in STEM</u>		<u>Cotton Ball Launcher</u>		
26	27	28	29	30	31	
			<u>50+ Women in STEM</u>		<u>Baking Soda Rockets</u>	



# APRIL

## EARTH MONTH

						1
2	3 <u>Make and Fly a Kite</u>	4	5 <u>Rubber Egg Experiment</u>	6	7	8
<b>ROBOTICS WEEK</b>						
9 Easter Sunday	10 Easter Monday	11 <u>Tie Dye Eggs</u>	12 <u>What Is A Robot?</u>	13 <u>Build a DrawBot</u>	14 <u>Coin Battery Experiment</u>	15 <u>Build a WiggleBot</u>
16	17 <u>Cleaning Oil Spills with Chemistry</u>	18	19	20	21 <u>Investigating Clouds</u>	22 Earth Day
23	24	25	26	27 <u>Solar Powered Car</u>	28	29
30						



# ASIAN PACIFIC AMERICAN HERITAGE MONTH

## MAY

MONTH OF ASIAN PACIFIC AMERICAN HERITAGE

	1 First Day of Asian Pacific American Heritage Month	2	3 <u>Density Tower Experiment</u>	4 Star Wars Day	5 Cinco de Mayo	6
TEACHER APPRECIATION WEEK						
7	8 <u>Innovative AAPI in STEM</u>	9 <u>Rainbow Crystals</u>	10	11	12 <u>Paper Circuit</u>	13
14 Mother's Day	15	16 <u>Light Refraction Illusion</u>	17	18 <u>Influential AAPI in STEM</u>	19	20
21	22	23	24 <u>Saluting AAPI Pioneers in STEM</u>	25	26 <u>Make a paper airplane</u>	27
28	29 Memorial Day	30 <u>AAPI at NASA</u>				



# JUNE

## MONTH OF SUMMER FUN IN STEM

				1	2	3
				First Day of LGBTQ+ Pride		
4	5	6	7	8	9	10
	<u>LGBTQ+ in STEM</u>			World Oceans Day	<u>Ice Cream in a Bag</u>	
11	12	13	14	15	16	17
		<u>LGBTQ+ Scientists in History</u>	Flag Day			<u>Paper Airplane Launcher</u>
18	19	20	21	22	23	24
Father's Day	Juneteenth	<u>Elephant Toothpaste</u>		<u>9 LGBTQ+ Scientists</u>	<u>Int. Women in Engineering Day</u>	
25	26	27	28	29	30	
			<u>Matchstick Rockets</u>			



# JULY

## MONTH OF INNOVATION & ENTREPRENEURSHIP

						1
2	3 <u>Fireworks Experiment</u>	4 Independence Day	5	6 <u>What Is Innovation?</u>	7	8
9	10	11 <u>STEM Innovations in Schools</u>	12 <u>Rock Candy Crystals</u>	13	14	15
16	17	18 <u>Strawberry DNA Extraction</u>	19	20 <u>Apollo 11 Anniversary</u>	21	22
23	24	25	26	27 <u>Alka Seltzer Rockets</u>	28 <u>10 Innovations in STEM</u>	29
30	31					





# AUGUST

MONTH OF BACK TO SCHOOL WITH STEM

		1	2	3	4	5
				<u>Homemade Slushies</u>		<u>Kinetic Sand</u>
6	7	8	9	10	11	12
		<u>Invisible Ink</u>				
13	14	15	16	17	18	19
<u>Build Your Own Pulley</u>			<u>Paper Rollercoasters</u>			
20	21	22	23	24	25	26
	<u>Borax Crystals</u>				<u>Da Vinci Pencil Bridge</u>	
27	28	29	30	31		
			<u>Spark of Life</u>			



# Hispanic Heritage MONTH



# SEPTEMBER

MONTH OF HISPANIC AMERICANS IN STEM

					1	2
3	4 Labor Day	5	6	7	8 <u>Nanoparticle Stained Glass</u>	9
10	11	12 <u>Paper Tower Challenge</u>	13	14	15 First Day of Hispanic Heritage Month	16
17	18 <u>Hispanic Americans at NASA</u>	19 <u>Paper Airplanes for National Aviation Day</u>	20	21	22	23
24	25 <u>Marble Run</u>	26	27	28 <u>Hispanic Americans in STEM</u>	29	30



# OCTOBER

## MONTH OF DRONES

1	2	3 <a href="#">24 Hispanic Scientists</a>	4	5 <a href="#">Exploration of Drones</a>	6	7
8	9 Indigenous Peoples' Day	10 <a href="#">Electroplating</a>	11	12 <a href="#">Hispanic Scientists Who Changed History.</a>	13	14
15 Last Day of Hispanic Heritage Month	16	17	18 <a href="#">Sublimation Bubbles</a>	19	20	21
22	23 <a href="#">Fire Snake</a>	24	25	26	27 <a href="#">Make A Sunprint</a>	28
29	30	31 Halloween <a href="#">Battery Stack</a>				



# NOVEMBER

## MONTH OF ROBOTICS

			1 First Day of American Indian Heritage	2	3 <a href="#">Make A Toy Sailboat</a>	4
5	6 <a href="#">9 Indigenous Scientists</a>	7	8 National STEAM Day	9 <a href="#">What Is A Robot?</a>	10	11 Veterans Day
12	13	14 <a href="#">Make Homemade Butter</a>	15	16 <a href="#">9 Indigenous People in STEM</a>	17 <a href="#">Build A Brushbot</a>	18
19	20 <a href="#">Cardboard Scissor Lift</a>	21	22 <a href="#">Native Americans at NASA</a>	23 Thanksgiving Day	24 Native American Heritage Day	25
26	27 <a href="#">Build Vibrobots</a>	28 <a href="#">7 Indigenous Pioneers</a>	29 <a href="#">Paper Lantern</a>	30		



# DECEMBER

MONTH OF MAGIC IN STEM

						1	2
3	4	5	COMPUTER SCIENCE				
	<u>Lemon Volcano</u>		6	7	8	9	
			<u>Robot, Make Me A Sandwich</u>		<u>Mars Rover Obstacle Course</u>		
EDUCATION WEEK			13	14	15	16	
10	11	12					
	<u>Make A Greeting Card</u>				<u>Candle Flame Jump</u>		
17	18	19	20	21	22	23	
			<u>Candle Carousel</u>		<u>Make Marbled Cards</u>		
24	25	26	27	28	29	30	
Christmas Eve	Christmas Day			<u>Ice Cube Magic Trick</u>		New Year's Eve	
31							
New Year's Day							



# NextWaveSTEM

For a digital version with access to links,  
scan the QR code below:

