



# SUMMER

# CAMPS

## CAMP ACTIVITIES

Kids will also enjoy daily gallery time during camp!

### TINKER 1

<b>Bucket Band</b> <b>NEW</b>	Experiment with different materials making sounds and scales. Kids to choose which instrument they want to make and make instruments.
<b>Sun Print</b> <b>NEW</b>	Kids to discuss all the ways we use the sun, solar power, and how we use it, sun rays, and shadows. Kids choose their objects or design something using craft to do turmeric sunprinting.
<b>Oil Spill</b> <b>NEW</b>	Kids to discuss the environmental impact of plastic on our ocean and ways of cleaning up the ocean. Kids to make their own water filter using recycled materials and use their water filters to clean dirty water.
<b>Money Matter</b> <b>NEW</b>	Kids to play a game of dice to Riyal. Kids to play exchange - a currency game. Kids to practice decomposition. Kids to break up into pairs to play money mathers.
<b>Building the ancient world</b>	Step into the world of ancient architects and craft your own gypsum bricks! Explore ancient construction techniques to create your own unique structures.

### TINKER 2

<b>Bucket of Junk</b> <b>NEW</b>	Kids to discuss the importance of reusing and recycling. Kids to collect materials from the "junk" bin to build a working car.
<b>The Bank</b> <b>NEW</b>	Kids to discuss the history and purpose of a bank, and everything that they can do at a bank. Scavenger hunt across the museum, playing the bank to solve riddles and clues to learn how to use a bank. Kids to make their own currency and go shopping.
<b>Build a Burj</b> <b>NEW</b>	Teams to use the materials that they collected through challenges to build a tower that can touch the ceiling. Both teams will start with a set amount of coins and get equal chances to make more coins. If they run out of coins before their tower touches the ceiling, they have the option to barter with the other team or be on the lookout for a replenish round - a surprise game for double the amount of coins.
<b>Paper press</b> <b>NEW</b>	Kids to discuss where paper comes from and make a paper popper/paper airplane while discussing all of the ways we use paper. Kids to make their pulp with recycled paper to create their own paper sheet.
<b>Catapults</b>	Catapult yourself into exploring the mechanical world of simple ballistic devices, and medieval engineering!

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### WONDER

<b>RGP Party</b> <b>NEW</b>	<p>Kids to build a spectroscope that can break up any light and make shadow puppets that they can use during their RGB party to play with the shadows of broken lights.</p>
<b>Rainbow Vision</b> <b>NEW</b>	<p>Discuss and explore how we see colours and play with colour film and secret messages. Make their own rainbow vision goggles.</p>
<b>Milk Plastic</b> <b>NEW</b>	<p>Kids to discuss and explore all the different kinds of plastic and their lifespans. Kids to learn how to recycle and plastic numbers, and discuss biodegradable options. Make their own biodegradable plastic using milk, and make charms and beads using their plastic paste to make an accessory with their biodegradable plastic.</p>
<b>Jelly Worms</b> <b>NEW</b>	<p>Kids to discuss molecules and make their own fun jelly shapes and worms using simple kitchen science.</p>
<b>Liquid Hourglass</b> <b>NEW</b>	<p>Kids to explore and discuss density and do density experiments. Kids to make a liquid hourglass and use it to time games they play together.</p>

### MESS

<b>Tie Dye Patterns</b> <b>NEW</b>	<p>The history of dyeing fabric, different ways and techniques. Kids to colour a massive piece of fabric and use the rubbing alcohol to make the tie dye patterns and make their own tshirt with that fabric.</p>
<b>The OliOlympics</b> <b>NEW</b>	<p>5 games for 4 teams to battle out for the OliOli cup of games!</p>
<b>PH Art</b> <b>NEW</b>	<p>Discuss the pH scale and do pH experimenting. Kids to paint a painting using acids and bases.</p>
<b>Pendulum Painting</b>	<p>Watch as colorful swirls and patterns come to life before your eyes as kids explore the fascinating interplay of gravity, motion, and paint.</p>
<b>Sphero painting</b>	<p>Roll, splash, and create with the power of robotics! In this wildly fun and colorful workshop, kids will program Sphero robots to zip through paint and across canvases leaving behind unpredictable masterpieces.</p>



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**SPACE**

<b>Amazing Race</b> <b>NEW</b>	Kids embark on a museum-wide challenge putting their agility, intellect and teamwork to the test.
<b>Rubber Band Rocket</b> <b>NEW</b>	Kids to discuss rockets and why we have them and see a rocket demo, discuss where our rockets have gone and make a rubberband rockets.
<b>Moon Rocks</b> <b>NEW</b>	Kids to discuss the moon and explore space rocks. Kids to discuss space debris and make space rocks.
<b>Salt Crystals</b> <b>NEW</b>	Kids to discuss crystals and gems in the earth. Show kids what crystals look like and what minerals they are from. Kids to make a salt crystals.
<b>Balance Towers</b> <b>NEW</b>	Kids to discuss and explore gravity and do gravity experiments. Kids to find the centre of gravity in everyday objects and build balance towers.