Summer at Your Library

Read. Learn. Create.

Children (Ages 0-5)

Activity Book

sdcl.org/summer
County Emergency Rent & Utility Assistance

Have you been financially impacted by COVID-19?
Are you behind on rent and/or utility payments?

Grant dollars available for eligible renters.

Application period has been extended until funding no longer available.

Serving the entire San Diego region except for the cities of San Diego and Chula Vista. Visit SDHCD.org to apply.

San Diego and Chula Vista residents: visit ERAPSanDiego.org
Welcome to San Diego County Library Summer Learning 2021

Read, Learn, Create at Home

You've probably noticed that our Summer Learning program looks a little different this year, just like the rest of the world. Our goal this year is to keep you in touch with our beautiful county and all it has to offer through these activity pages. In this book, we've brought together fun activities, interesting challenges, and valuable resources from places and organizations all over San Diego County to experience San Diego in a whole new way.

Here's to creating your own summer story with SDCL!

SDCL.ORG/SUMMER
San Diego County Library Free Resources

**eCard**
Apply online for an eCard to access SDCL’s digital eLibrary resources.

**Libby**
Check out eBooks and audiobooks, including a collection for kids and teens. More than 3000 magazine titles also available on a broad range of topics. *(Available in Spanish)*

**Books and DVDs**
Visit sdcl.org or call your local branch to request books and DVDs, then go to your library when they are ready for pickup. *(Available in Spanish)*

**Linked In Learning**
Learn business, tech, and creative skills taught by expert instructors.

**Mango Language Learning**
Learn a new language for free! More than 60 foreign language courses and 16 English as a Second Language (ESL) courses are available. *(Available in Spanish)*

**SIRS Discoverer**
Research school assignments and papers for grades 3-9.

**BookFlix**
An exciting online literacy resource that pairs interactive, fictional video storybooks with related nonfiction eBooks. *(Available in Spanish)*

[www.sdcl.org/student-resources.html](http://www.sdcl.org/student-resources.html)
Talk, Read, Sing

Your child should hear 30,000 words every day starting at birth

From the day we are born, we begin learning. As your children’s brain develops, the simple acts of talking, reading and singing with them will give them the tools they need to thrive and become successful as they grow and begin to read and write.

TALK
Talking is a brain building activity. Each time you talk with a baby and have a high-quality interaction, new connections are made in the baby’s brain. Have conversations by narrating the actions you take throughout the day and use a variety of facial expressions. Also, respond verbally to gestures or noises such as cooing, pointing or clapping.

READ
The most important language stimulation you can provide babies and toddlers is reading to them. Children can be read to no matter how young they are, whether it be through reading books to them or simply reading words you see out in the real world.

SING
The act of rhyming, singing, and talking, starting at birth, profoundly influences literacy and language development, which are the foundations for all other learning. Use known nursery rhymes or make up songs with silly meanings to help build up memory and stimulate motor skills. Warning - singing may turn into dance parties!

First 5 San Diego promotes the health and well-being of young children during their most critical years of development, from the prenatal stage through five years of age. Our goal is to help ensure that every child in San Diego County enters school ready to succeed.

First 5 San Diego

FIRST5SANDIEGO.ORG | 1-888-5FIRST5
we are born learning, let’s begin
Color Us Thrilled

The Comic-Con Museum celebrates comics and related popular culture art forms, including books, movies, television, animation, board games, video games, costuming, and more! Visit comic-con.org/museumathome for more activities!
Color, Cut, and Paste

Use the shapes below to make your own robot characters! Give them arms, legs, funny faces, buttons, and knobs. Then paste them into your own comic book scene! How many circles and rectangles do you see?
(From The Comic-Con Museum’s Fun Book Series, Issue 10)

[Diagram of shapes: circles, rectangles, and arrows for cutting and pasting]
What Belongs?

Stan the Toucan loves to read comic books! Color the other objects you can read. How many are there?

(From The Comic-Con Museum's Fun Book Series, Issue 5.)
Barrel Through

Help the elephant reach some grub! Elephant courtesy of Shag (@theartistshag) and The Shag Store.

(From The Comic-Con Museum’s Fun Book Series, Issue 10.)
Festive Flock

Help Stan the Toucan reach his friends before they head out to a cosplay party without him.
Follow the hearts!
(From The Comic-Con Museum’s Fun Book Series, Issue 7.)
SAN DIEGO QUALITY PRESCHOOL INITIATIVE

The path to life success is dependent on learning, relationships, physical ability, cognitive, behavioral and social emotional learning. The foundation for all these developmental areas starts at birth and 90% of a child’s brain is developed by age 5. Young children learn wherever they are - home or early care and education settings - so the quality of those environments matter a great deal.

Young children exposed to and who participate in quality early care and education programs exhibit better language, social emotional interaction skills, behavioral skills, pre-academic skills, cognitive skills and better relationships within society.

What Does Quality Early Care and Education Look Like?

DEVELOPMENTAL AND HEALTH SCREENINGS
Screenings for developmental, health and emotional needs support appropriate growth and development.

SAFE AND ENGAGING PROGRAM ENVIRONMENT
Environments that have adequate learning supplies and toys engage young children to use their creativity.

EFFECTIVE TEACHER-CHILD INTERACTIONS
High quality teacher-child interactions help children establish healthy relationships and lead to overall school readiness and increased academic success.

QUALIFIED TEACHERS
Qualified teachers are critical to learning and development.

CHILD OBSERVATION
Highly skilled teachers use child observation to identify strengths and opportunities for growth.

QUALIFIED EARLY LEARNING CENTER DIRECTORS
Early care and education programs require targeted education and professional development for their leaders.

HIGH-QUALITY IN EARLY CARE AND EDUCATION GIVES CHILDREN THE BUILDING BLOCKS FOR SUCCESS IN LIFE

ADULT-TO-CHILD RATIOS AND GROUP SIZES
The number of children should be limited so they can create friendships, receive attention and have adequate materials.

San Diego Preschool Initiative (SDQPI) San Diego County’s early learning system focusing on assessing, improving, and communicating levels of quality in early care and education programs. SDQPI helps providers develop their skills and programs through personalized support, by learning and maintaining best practices to offer high quality learning experiences for children Birth to 5.

FIND QUALITY EARLY CARE AND EDUCATION FOR YOUR CHILD AT WWW.SDQPI.ORG
art
Draw yourself playing on Whammock! and color the picture.

What do you like most about Whammock!? 

play
Art and Play are playing hide-and-seek in Whammock!

Now it's your turn! Play hide-and-seek at home!

Whammock 2019 - Tatsuko Hatachi MacAdam
A visually stimulating array of bright, hand-dyed, hand-braided nylon rope crocheted into a large-scale, three-dimensional, climbable sculpture. Children are able to move upwards through one pocket after another until they reach a colorful expanse where they can run, slide, bounce and rest.
art
Draw you and your family entering the Museum on SMILE! Color the picture.
What do your smiles look like?

play
How many eyes, noses and mouths can you find?
Write the number on the line.

---

SMILE, 2018 - PANCA
Strokes of color draw visitors across the Museum bridge in artist PANCA’s 46-foot-long mural SMILE. Playful eyes and hearts (or are they noses?) are scattered through these lines of color, creating the impression of deconstructed, curious faces.
Art
Art is a colorful, creative bird inspired by The Rain House installation in the Museum.
Art will encourage you to be creative by having you draw something from your imagination or asking you to answer a curious question that sparks creativity!

Color in Art below!
First 5 San Diego promotes the health and well-being of young children during their most critical years of development, from the prenatal stage through five years of age. Our goal is to help ensure that every child in San Diego County enters school ready to succeed. We do this by providing San Diego’s youngest children with healthy development screenings, dental care, high-quality preschool and parenting workshops.
TRACE AND COLOR

FIRST 5

OUTDOOR SCAVENGER HUNT!

Color in each item when you find it. Can you name them all?
I’VE GOTTA RUN!

You signed up for the *Live Well San Diego* Virtual 5K and your dog just ran away with your shoe! Even though it is not an in-person race, thousands of people across the county will be running or walking with you to support a healthy, safe and thriving community.

Follow the shoelace to find your shoe before the race begins!

GET ACTIVE!

Did you know that kids need **60 minutes** of physical activity every day?

**OBSTACLE COURSE**

Set up a few different obstacle stations that get you crawling, jumping and moving. Set a goal and a prize and have fun!

**SCAVENGER HUNT**

Take a quick nature walk around the block and find the following items:

- Pine Cone
- Pink Flower
- Butterfly
- Spider Web
- White Rock
- Roly Poly
- Cricket
- Black Dog

WORD SEARCH!

Find words across, up & down, backwards and diagonal.

```
H D L E V H T K G R E G A
W L I F C E F I T N E S S O
R A V A E O L L S A H S I Y
C U E S T G H O E I D E L I
Y T W I R L M L Y I Y K T
H R E L A I A E U I O A L A
T I L G I D L T R N N C M C
L V L A N N E E R U I A F N
A R S U I A E R E E F T S Y
E R U N N S C S S K S I G Y A
H A N V G E A G N R T K E A
A N Y M T A R A I C K L A W
H D E U G N I V I R H T I E
A C H A L L E N G E E E Y S
```

Find healthy meals and discounted internet service:

**Covid-19.sdcoe.net/Parent-Resources**

Learn about coronavirus, testing and recovery:

**Coronavirus-SD.com**
What do you look like?
Use your crayons and draw your mouth, eyes, nose, ears and hair.
Where does your shirt go? Color a shirt!
Where do your pants or dress go? Color them!
Where do you shoes go? Color them in!
Counting & writing numbers

Count the shapes with your child. Then have them trace the numbers and color in the shapes. Go over the names of the numbers with them as they work.

1  ____  

2  ____  

3  ____  

4  ____  

5  ____  

Name ________________________________
Name______________________________

Numbers and Shapes

1  2  3  4  5

Caregivers, count from 1—5 with your child. Touch each number as you count. Then count the shapes together. Lightly write the number for your child to trace.

How many circles? _______

How many rectangles? _______

How many triangles? _______

How many squares? ___

How many stars? _______

sandiego county library
<table>
<thead>
<tr>
<th>Activity</th>
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<tbody>
<tr>
<td>Read one book or one hour</td>
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<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Write a poem</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Complete a scavenger hunt</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Visit a park</td>
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<tr>
<td>Read one book or one hour</td>
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<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Listen to an audiobook</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Follow a recipe and make a snack</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Create your own activity</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Read one book or one hour</td>
</tr>
<tr>
<td>Draw a picture of a robot</td>
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<tr>
<td>Read one book or one hour</td>
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<tr>
<td>Read one book or one hour</td>
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<tr>
<td>Read one book or one hour</td>
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</tbody>
</table>
CHALLENGE YOURSELF
HOW MANY CAN YOU DO THIS SUMMER?

10
- Create a comic
- Read one book or one hour
- Read one book or one hour
- Practice a new language (ask us how)
- Read one book or one hour
- Check out an e-book or audiobook
- Read one book or one hour
- Use a library database from the eLibrary www.sdcl.org

20
- Read one book or one hour
- Draw a Picture
- Read one book or one hour
- Commit a random act of kindness
- Share a book recommendation
- Read one book or one hour
- Read one book or one hour

30
- Learn about your family tree
- Read one book or one hour
- Read one book or one hour
- Read one book or one hour
- Learn about an animal
- Read one book or one hour
- Read one book or one hour
- www.sdcl.org
Be Kind: Emotions

Caregivers, read the feelings below each circle and ask your child to draw a face that shows that emotion. This is a good opportunity to talk about feelings and how we can notice how other people are feeling.

Sad

Surprised

Happy

Angry

Name
Caregiver: Show your child the numbers 9 1 1 on your phone. Explain that they call that number when they are frightened and need help, and they have no grown up to help them.

Color in the numbers. Talk about the names of the colors:
THE SAN DIEGO COUNTY SHERIFF’S DEPARTMENT

“Meet Simon, the Sheriff’s Department Search and Rescue Dog who always has useful safety tips!”

Learn more about Simon at www.sdsheriff.net/simon
Worm Bin Crossword Puzzle

Instructions: Use the clues to fill in the words above. Words can go across or down. Letters are shared when the words intersect.

ACROSS
1. a container used to store things
2. a substance plants and animals eat
5. a small, long, soft and squishy animal used in vermicomposting
6. a place that protects animals from the weather

DOWN
1. breaking down waste products
3. it surrounds us and plants and animals breathe it in
4. food and plant material decayed into a soil-like substance
5. plants and animals need this liquid
Word Search

Instructions: Find the word in the puzzle. Words can go in any direction. Words can share letters as they cross over each other.

anatomy  coffee grounds  moisture
bedding  coir  paper
bin  eggshells  water
castings  food  worm
home

Program sponsored by COUNTY OF SAN DIEGO RECYCLING ITS INNATURE
What Part of a Plant Are You Eating?

**Flowers**
Flowers are the reproductive part of a plant. They grow from the stem. Flowers often have brightly colored petals and pollen that attract insects to them.
Examples of unopened flowers (buds) that we often eat are broccoli, romanesco cauliflower, and artichokes.

**Fruit and Seeds**
Once the flowers are pollinated by insects, edible, juicy fruit with hard seeds inside is formed. The purpose of the fruit is to attract animals and disperse the seeds. Once the seeds are on the ground, they will be able to grow into a new plant.
Examples of fruit that we eat are oranges, apples, tomatoes, and avocados. Some seeds that we eat are beans (like green beans and lentils) and nuts (like pecans and almonds).

**Leaves**
Leaves also grow from the stem of a plant and help collect the energy of the sun through the process of photosynthesis. They are green in color because of a chemical called chlorophyll inside of them that helps with this process.
Examples of leaves that we eat are kale, lettuce, basil, spinach, and cabbage.

**Stems**
Stems support a plant with their solid structure and by moving water, nutrients, and energy throughout the plant. They can be above the ground, like celery, asparagus, or green onions, or below, as in potatoes and ginger.

**Roots**
Underground roots are important for helping a plant stay stable, collecting water for the rest of the plant, and holding extra nutrients and energy for the plant to use later. They may be large and fleshy or have hair-like parts.
A few roots that we eat are carrots, rutabaga, and radishes.
Which one does not belong in each row?

Find the picture that does not match the rest of the pictures in each row.
Why doesn’t it belong there?
What Part of a Plant Are You Eating?

Now it’s your turn to match the parts of a plant and create your own picture! Print out and use the blank diagram, or draw one of your own. You can cut out and use the pictures on the last page, or use things from your kitchen!
What Part of a Plant Are You Eating?

Now it’s your turn to match the parts of a plant and create your own picture! Print out and use the blank diagram, or draw one of your own. You can cut out and use the pictures on the last page, or use things from your kitchen!
## Neighborhood Garden Scavenger Hunt

Get outside and see what you can find!

Share what you see by uploading a photo to our social media platforms using #SDBGardenFunAtHome

<table>
<thead>
<tr>
<th>A BEE ON A FLOWER</th>
<th>A TREE TALLER THAN YOUR PARENTS</th>
<th>A PLANT WITH SPINES (BE CAREFUL)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What is the bee doing?</strong> Does it have yellow or orange powder on its legs? Each time it comes to a flower to get nectar, it collects a little pollen from the flower too.</td>
<td><strong>How old do you think the tree is?</strong> How could we figure that out? Trees form rings inside their trunks each year that they grow, so we could look inside and see.</td>
<td><strong>Why do plants have spines?</strong> A lot of plants have spines for protection or keep them from losing water.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A BUTTERFLY</th>
<th>A SMELLY PLANT</th>
<th>A SNAIL OR SLUG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What is the butterfly doing?</strong> Does it move fast or slow? Can you see it getting the nectar from flowers?</td>
<td><strong>Why do you think the plant is smelly?</strong> Sometimes it is to attract or keep away things that might eat it.</td>
<td><strong>What is it doing?</strong> Is it moving slow or fast? Snails and slugs can eat a lot of different things including old leaves on the ground.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A PLANT THAT YOU DON’T KNOW</th>
<th>A LINE OF ANTS</th>
<th>A BIRD SINGING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>How can you figure out what kind of plant it is?</strong> You can look take a picture and send it to <a href="mailto:info@SDBGarden.org">info@SDBGarden.org</a> for help identifying the plant!</td>
<td><strong>Where are they going?</strong> Are they going underground? Ants are important in many ways. One way is when they dig in the soil, they let air and water into the ground, which helps plants grow.</td>
<td><strong>Can you try and make the sound of the bird?</strong> Why do you think it is singing? Bird calls can often let other birds know to come near or to stay away.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AN EARTHWORM</th>
<th>A PLANT GROWING IN A CRACK IN THE SIDEWALK</th>
<th>A YELLOW FLOWER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Where did you find the earthworm?</strong> What is it doing? Earthworms are super important for the soil. They break down old leaves and give us fertilizer to help plants grow. They also help air and water get into the soil.</td>
<td><strong>How do you think the plant got there?</strong> Seeds can travel from plants through the wind and water. Once it finds the right spot with water and sunlight, the plant will grow.</td>
<td><strong>How do you think the yellow color helps the flower?</strong> Different colors of flowers can help attract pollinators. Pollinators are insects or birds that carry pollen from one flower to another. Once that happens, a fruit will form with seeds inside!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A FRUIT TREE</th>
<th>A SEED OR SEED POD</th>
<th>A PLANT YOU CAN EAT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>What kind of fruit comes from this tree?</strong> What does it taste like?</td>
<td><strong>What plant is the seed from?</strong> You can plant it in a cup of soil to see what grows.</td>
<td><strong>What part of the plant can you eat?</strong> What does it taste like? Do you think any animals eat this plant too?</td>
</tr>
</tbody>
</table>

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San Diego Botanic Garden | SDBGarden.org
EARN YOUR HIGH SCHOOL DIPLOMA FOR FREE

Library High School offers adults the opportunity to earn an accredited high school diploma and career certificate online.

HOW TO APPLY
Applying is easy and you can start the process online.

1. Self-Assessment
Complete an online self-assessment at LibraryHighSchool.org

2. Prerequisite Course
Enroll in a prerequisite course to determine if you are ready for online learning. You must finish the course within two weeks of your enrollment date.

3. Orientation
Participate in an orientation with library staff to discuss next steps.

LibraryHighSchool.org

For more information, contact our Enrollment Team:
858-495-5563 • libraryhighschool@sdcounty.ca.gov
All Fish have Fins!
Fins help fish move forward in the water, help them turn from side to side and move up and down. How many fins does this fish have?
Don't call me Dory

The Powder Blue Tang is related to its more famous "Dory" cousin. These tropical fish live in coral reef habitats and love to eat algae or seaweed growing along the reefs.
Whales and Dolphins of San Diego

These are just a few of the many types of whales and dolphins that live in the ocean around San Diego. Did you know dolphins are actually small whales?
COMPOSTING BASICS

There are four basic ingredients are required for composting: GREENS, BROWNS, WATER, & AIR. Mixing the proper amounts of these ingredients together will provide the composting organisms (see Compost Critters) with enough nitrogen, carbon, moisture and oxygen to break down the materials efficiently.

GREENS + BROWNS

**GREENS** are fresh organic materials that serve as sources of nitrogen. Greens are the primary energy source of the active microorganisms, and are useful as a supplementary source of moisture in the pile.

**BROWNS** are dried or dead organic materials that serve as sources of carbon. Browns are useful for retaining moisture, creating small air pockets, and supporting a more diverse community of decomposers in the pile.

WHAT GOES IN THE COMPOST PILE?

50% GREENS
Fresh yard trimmings, fresh grass clippings, fresh or moldy fruit and vegetable scraps, coffee grinds, tea leaves, breads, certain types of manure*

50% BROWNS
Woody materials, dead or dried yard debris, chopped branches and twigs, bark, straw, sawdust, coffee filters, tea bags, shredded paper and paper products

*For more information on composting with manure, visit solanacenter.org/ciy

WHAT STAYS OUT OF THE COMPOST PILE?

- Meat, fish, poultry & bones
- Eggs & dairy products
- Charcoal or firelog ashes
- Treated wood products
WATER + AIR

**WATER** helps ensure efficient processing of organics. Ideally, the pile is kept as moist as a wrung out sponge. Too little moisture will inhibit decomposition, but too much water can produce smelly, anaerobic conditions.

**AIR** is essential for a sweet, earthy-smelling compost pile. Turning your compost pile regularly will help to inhibit the growth of odor-causing anaerobic bacteria, and will result in faster decomposition.

COMPOST CRITTERS

A handful of compost contains more decomposer organisms than there are people on the planet. These amazing little creatures are responsible for making the whole composting process happen.

**MICROORGANISMS** (like bacteria and fungi) do the majority of decomposition work. Although too small to see, they are on everything you throw into the compost pile.

**MACROORGANISMS** (like insects, worms, and grubs) are large enough to see. They usually enter the compost pile from the surrounding landscape in the later stages of decomposition.

---

**Dog, cat & human feces**
**Glossy/coated paper**
**Oils, grease & lard**
**Inorganic materials**
**Fresh weeds with mature seeds** (unless building a hot compost pile)**
Wormy Words

Composting is nature’s way of recycling anything that was once alive back into healthy soil. The words below are related to vermicomposting—composting with worms! To learn more about how YOU can compost in your house or apartment, visit solanacenter.org

Name: __________________________

Do The Rot Thing!

Find the following words in the puzzle.
Words are hidden right, left, and down.

AERATION
AEROBIC
ANAEROBIC
BACTERIA
BIODEGRADABLE
CARBON
CASTINGS
COMPOST
DECOMPOSITION
FOOD SCRAP
FOOD WEB
HERBIVORE MANURE
MILLIPEDE
NITROGEN
SOIL
SUSTAINABLE
WATER
COOL RIVER PROGRAM:
NEARBY NATURE SCAVENGER HUNT

You don’t have to go far to explore nature! Nature is all around us!
We challenge you to explore your neighborhood and notice all of the nature you have nearby.

Go for a walk around your neighborhood and see what you can find!
Each time you spot something, you can keep a tally to record how many you find.

Flip the page over to record your observations by writing about or drawing what you observe.

<table>
<thead>
<tr>
<th>FALLEN LEAVES</th>
<th>PINK FLOWER</th>
<th>TREE</th>
<th>BUTTERFLY</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>BIRD</th>
<th>BEE</th>
<th>LIZARD</th>
<th>WHITE FLOWER</th>
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</table>

<table>
<thead>
<tr>
<th>YELLOW FLOWER</th>
<th>PUDDLE</th>
<th>DOG</th>
<th>BIRD NEST</th>
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<thead>
<tr>
<th>SQUIRREL</th>
<th>SPIDER WEB</th>
<th>LADY BUG</th>
<th>GRASS</th>
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</table>

Flip to the page over to take notes or make drawings of what you find!

We’d love to hear what you find!
Share your observations with coolriver@sandiegoriver.org!
www.sandiegoriver.org/distance_learning.html
Did you see anything... cool? pretty? strange? interesting? surprising? Make note of it here!
Record your observations by writing about or drawing what you saw.

We'd love to hear what you find!
Share your observations with coolriver@sandiegoriver.org!
www.sandiegoriver.org/distance_learning.html
Orangutans in the wild face extinction as the forests where they live become palm oil farms. To help, only buy items with sustainable palm oil. Have you visited the orangutans at the San Diego Zoo?

Illustrations by Cristina Byvik
Science shows us how our activities impact the earth. Explore the power of science including biology, chemistry, engineering, earth science, physics and robotics at the Fleet Science Center.

Illustrations by Cristina Byvik
Earth friendly paints at the San Diego Natural History Museum provide healthy and clean air for visitors and employees.

Illustrations by Cristina Byvik
BUBBLES

SUPPLIES
- Clear Dish Soap
- Corn Syrup
- Water

STEPS
In bowl:
Mix
3 Cups warm water
1/2 Cup light corn syrup
Add
1 Cup clear dish soap
Mix gently-do not froth

SUPER DUPER BUBBLES

SUPPLIES
- Dish Soap
- Corn Starch
- Baking Powder
- Glycerine
- Water

STEPS
In bowl:
Dissolve Cornstarch in water
Mix well
Stir in the rest of the ingredients
Gently-do not froth
Let mixture sit for 1 hour
SUPPLIES
- White or Clear School Glue
- Saline Solution
- Baking Soda
- Water
- Food Coloring (optional)
- Glitter (optional)

STEPS
In bowl:
Add 1/2 Cup glue
Mix in 1/2 Cup water
Add food coloring
Stir in 1/2 tsp baking soda
Add 1 TBL Saline Solution
Add glitter

SUPPLIES
- White School Glue
- Saline Solution
- Baking Soda
- Shaving Cream
- Food Coloring (optional)

STEPS
In bowl:
Add 3/4 Cup shaving cream
Mix in 1/2 Cup glue
Add food coloring
Stir in 1/2 tsp baking soda
Add 1 TBL Saline Solution
Stir completely
Knead with hands

The key to making slime slimy is what slime experts call the activator. Many different things can act as an activator.
A favorite activator is Saline Solution used for rinsing and storing contact lenses.
Note: Your saline solution must contain sodium borate and boric acid—read the ingredient list!
SUPPLIES
- Hair Conditioner
- Cornstarch

In bowl:
Mix together
1 Part Hair Conditioner
2 Parts Cornstarch
Food Coloring (optional)
Since hair conditioners vary in consistency you may need to adjust amounts slightly to achieve the proper consistency.

Mix in Sauce Pan:
2.5 Cups water
1 1/4 Cups salt
1 1/2 TBSP cream of tarter
5 TBSP vegetable oil
2.5 Cups flour
Food Coloring (optional)
Mix all ingredients except food coloring.
Cook over low heat mixing frequently. The dough will thicken and get sticky. Continue mixing until the edges of the dough become dry. Test a small piece between your fingers. If it is not sticky it is ready. Remove from pan and place on counter. Divide dough into portions and add food coloring if desired. Knead dough until smooth. Store in sealed airtight bags or containers.
The First Partner’s Summer Book Club

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