

Best Practices for Engaging Young Children and their Families through Technology

May 7, 2020



Welcome!

Our goals:

- Share best practices and examples
- Enhance learning at home



Our Presenters



Lisa Guernsey
New America



Sara Dewitt
PBS KIDS Digital, PBS



Sara Schapiro
PBS Education, PBS



Sheetal Singh
The Early Learning Lab



Jessica Gutierrez
Fresno Unified




Angelica Cardenas
Kidango



Patricia Lozano
Early Edge California





Frameworks and Guidelines

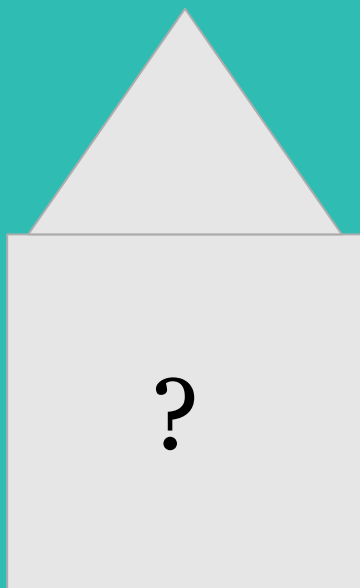
for Educators, Care Providers, & Parents

Supporting At-Home Learning During the COVID-19 Pandemic

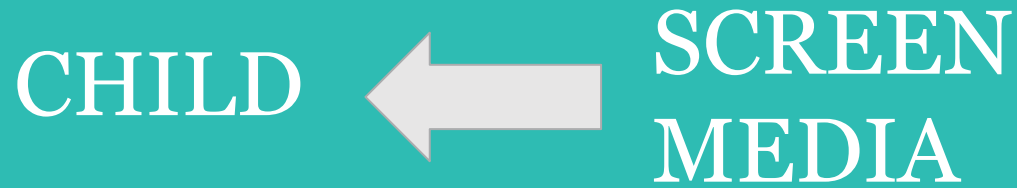
Lisa Guernsey | May 7, 2020







The narrow and limited way of talking about technology and children looks like this:



But in reality, in homes across the country, it may look more like this...



Or this.

CHILDREN ↔ SCREEN
MEDIA

Or what about this.

PARENTS &
CHILDREN



SCREEN
MEDIA

Or what about this.

PARENTS &
CHILDREN



MEDIA OF
ALL KINDS ON
SCREEN OR IN PRINT

And here's where teachers come in...

TEACHERS



PARENTS &
CHILDREN



MEDIA OF
ALL KINDS ON
SCREEN OR IN PRINT

**Or how about media being the conduit, but not the end goal.
How about a teacher providing a video to parents to show
them a learning game to play with their children at home....**

TEACHERS



MEDIA
OF ALL
KINDS



LEARNING GAMES OR
ACTIVITIES FAMILIES
PLAY AT HOME



PARENTS

You could even encourage parents to send a video or photo back to the teacher, showing their kids engaged in the game.





Frameworks and Guidelines

Position Statement: Technology and Interactive Media

Created by NAEYC and the Fred Rogers Center, this position statement was created to guide educators in applying the principles of development and learning when considering the use of cutting-edge technologies and new media.

Position Statement: Technology and Interactive Media

<https://www.naeyc.org/resources/topics/technology-and-media>

The American Academy of Pediatrics' guidance



healthychildren.org
Powered by pediatricians. Trusted by parents.
from the American Academy of Pediatrics

CELEBRATING 10 YEARS

Ages & Stages Healthy Living Safety & Prevention **Family Life** Health Issues News Tips & Tools Our Mission shopAAP

Healthy Children > Family Life > Media > Keeping Technology in Check: Mindful Technology Use DOs for Parents

FAMILY LIFE

LISTEN ▶ Español

Text Size - +

f t p in printer mail

Keeping Technology in Check: Mindful Technology Use DOs for Parents

By: David L. Hill, MD, FAAP

If there's one thing that kids and parents can agree on, it's that no one likes being told what not to do. Don't

Medical Home
Health Insurance
Pediatric Specialists

Family Dynamics
Adoption & Foster Care
Communication & Discipline
Types of Families

● **Media**

Work & Play



ZERO to THREE
Early connections last a lifetime

About Us ▾

Explore Our Topics ▾

Home • Resources & Services

Screen Sense

What the Research Says About the Impact of Media on Children Under 3 Years Old



**NEW
AMERICA**



U.S. Department
of Education



U.S. Department
of Health and Human Services

Early Learning and Educational Technology Policy Brief

OCTOBER 2016





Integrating Technology into Early Learning

1

Consider your goals for your children and use the technology to help meet these goals

2

Use technology to support peer-to-peer, teacher-child, and family relationships and communication

3

Encourage collaboration and communication among children as part of the technology use experience

4

Look for opportunities that allow children to be creative with digital tools, not just consumers of digital content

5

Include culturally responsive materials that connect to the diversity of cultures and values in your class

SCREEN
SENSE

Choosing Media Content for Young Children Using the E-AIMS Model



TOOL

Choosing Media Content for Young Children Using the E-AIMS Model

The Three C's in choosing media:

- Content
- Context
- Child



Research tells us that the quality of the **content**, the positive nature of the **context**, and the needs of the individual **child** are more important than simple measures of time.

Go to TapClickRead.org to download a quiz sheet that parents and teachers can use to apply the Three C's with their own children.



Sharing stories & lessons

VIDEO Interview with Lisa Luceno: Distance Learning for Young Children and Their Families

BLOG POST



Posted this week on our blog for the Education Policy Program at New America:

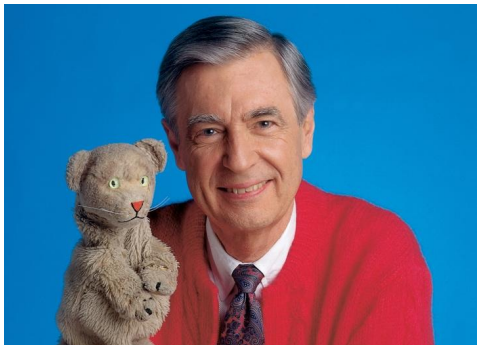
[EdCentral.org](https://www.edcentral.org)

New America's Kristina Ishmael interviews Lisa Luceno, Senior Director of Early Childhood Strategy for Briya Public Charter School in Washington, DC



Sara Dewitt – VP, PBS KIDS Digital
Sara Schapiro – VP, PBS Education
May 7, 2020



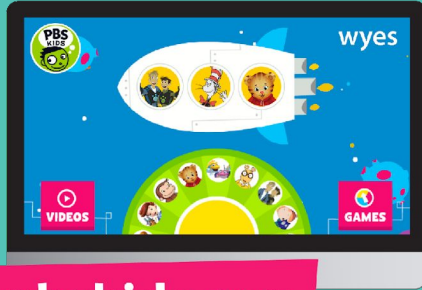




330 PBS Member Stations



Educational Content for Kids



pbskids.org



24/7 Channel



Local PBS Channel



PBS KIDS Games App



PBS KIDS Video App



Learning at Home Together



Keep kids playing and learning at home!



Dinosaurs may have lived long ago, but they can still teach us a lot about our world today. **Harness your child's natural interest in dinosaurs to make observations about our environment.** Learn all about migration with the Dinosaur Train crew, hunt for fossils with a fun interactive game, and make your own dinosaur feet!



WATCH: Dinosaur Train

In this episode "Migration Vacation / Moms Rawk!," The Pteranodon family sends Buddy on the Dinosaur Train so he can travel with the T. rex pack as they migrate.

Ask your child:

- Why did Buddy go on the Dinosaur Train today?
- What does it mean to migrate?
- Can you think of other animals that migrate? What do they have in common with dinosaurs? Do they hatch from eggs? Do they eat plants?

WATCH

Learning at Home Together

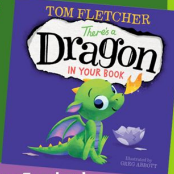

PBS KIDS **Read-Along**

Mondays with Michelle Obama

Join her for a reading on April 27 at 12:00 PM ET

Watch on Facebook at @PBSKIDS and @PenguinRandomHouse!

Read together. Be together.





PBS KIDS **Read-Along**

Join Brad Meltzer for a reading of

"I Am Harriet Tubman"

Friday, May 1 at 12:00 PM ET

Facebook.com/PBSKIDS



PBS KIDS **Read-Along**

Join **Martin Kratt** for a reading of

"Wild in Africa!"

Friday, April 24 at 12:00 PM ET

Facebook.com/PBSKIDS





PBS KIDS **Read-Along**

Join **Victoria Kann** for a reading of

"Silverlicious"

Friday, April 3 at 12:00 PM ET

Facebook.com/PBSKIDS



Broadcast Content & PBS LearningMedia

Learning at home? [Start with our PreK-12 Resources for Emergency Closings >](#)



Search



Jennifer

Subjects

Grades

Standards

For Students

Bring the World to Your Classroom

MPT and PBS have curated FREE, standards-aligned videos, interactives, lesson plans, and more for teachers like you.

Search classroom resources...



Social Studies >

English Language Arts >

Science >



Search



Sign In

Sign Up



Subjects

Grades

Standards

For Students



Collections > Wild Kratts

In This Collection: Video (148), Media Gallery (17), Document (10), Interactive (1) for Grades PreK-5, 13+

Explore Collection

Wild Kratts

Live-Action Segments

Wild Kratts



Share



Favorite



Google Classroom

Educator Support

VIRTUAL PROFESSIONAL LEARNING

Distance Learning with PBS LearningMedia

MARCH 23, 2020

Teachers, as you plan for a variety of scenarios in response to the Coronavirus crisis--and other possible threats--we wanted to share some of the ways our Digital Innovator All Star educators support engaging, effective distance learning. This one-hour virtual learning event, hosted by PBS master trainers and educators, highlights a variety of tips, from student activities to digital tools and PBS



On-the-Ground Partnerships - California



AT-HOME LEARNING

**A CALIFORNIA PUBLIC
EDUCATION PARTNERSHIP**

KQED

PBS
SOCAL

KCET

EMPIRE
KVC R

NORTHERN
CALIFORNIA
PUBLIC MEDIA

kpbs

KLCSo
Always Learning

KEET
PBS

PBS KVIE

Valley PBS

KIXE PBS

PBS Reno

Thank You!



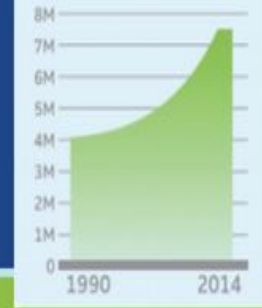
Using technology with Dual Language Learners

DLLs are children, birth to age 5, who are learning two (or more) languages at the same time



BETWEEN 1990 AND 2014 THE NUMBER
OF DLL CHILDREN IN U.S. GREW

+79%



60% OF CALIFORNIA
CHILDREN ARE DLL

50% OF CHILDREN IN
STATE PRESCHOOLS



57% LIVE IN LOW-INCOME
FAMILIES

Sources: Pompa, Delia, Maki Park, and Michale Fix. 2017. *New Opportunities? ESSA and its implications for Dual Language Learners and ECEC Workforce Development*. Washington DC: Migration Policy Institute; Park, Maki, Anna O'Toole, and Caitlin Katsiaficas. 2017. *Dual Language Learners: A Demographic and Policy Profile for California*. Washington, DC: Migration Policy Institute.



Distance Learning Resources for Dual Language Learners

(Updated April 27, 2020)

Our team has compiled information, resources, and activities for families with young dual language learners (DLLs).

Please let us know if you have any questions or if we can provide you with any support. We are here for you. Email us at info@earlyedgecalifornia.org.

General Information about DLLs in California

Learn why supporting young DLLs matter, and read about the benefits of bilingualism.

For Families

Screen-Free Activities to do at home with Children (in Spanish)

- The Head Start Early Childhood Learning & Knowledge Center (ECLKC)
- Dual Language Learners Toolkit

Colorín Colorado is a national multimedia project that offers a wealth of bilingual information, activities, and advice for educators and families of DLLs and through its Spanish-English bilingual website.

- From Seccion Amarilla: [10 actividades en casa para niños y niñas](#)
- From HealthyChildren.org: [10 actividades sin costo y lejos de una pantalla](#)
- From Conmishijos: [20-entretenidas-actividades-para-hacer-con-los-niños-en-casa](#)
- From La Diversiva: [70 ideas fáciles para jugar con los peques dentro de casa](#)
- From Zero to Three: [¡Juega conmigo! Actividades que hacen divertido el aprendizaje desde el nacimiento hasta los doce meses. \(0-12 months\)](#)
- From Educupeques: [Juegos para niños desde los 2 a los 6 años \(2-6 years old\)](#)

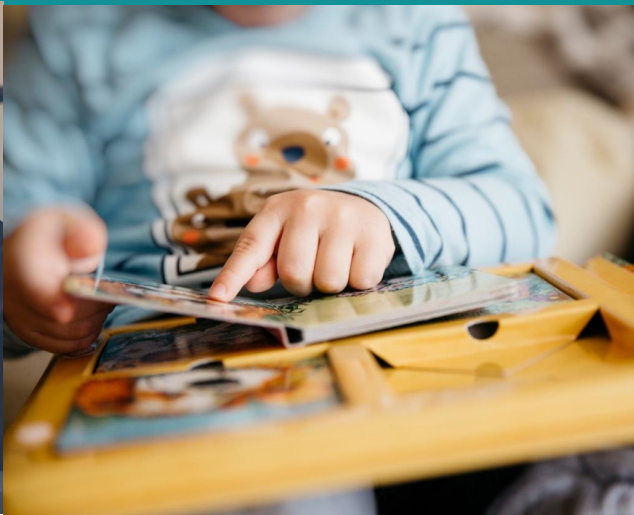
Abriendo-Puertas features straightforward, simple, family-friendly Spanish language video answering common questions about Covid-19.

- [Abriendo-Puertas Spanish Language Covid Video for Families](#)

ABCMouse, is a full online curriculum developed by Age of Learning Inc. for children ages 2-8 in the areas of reading, math, science, and art and is available in both English and Spanish. Content and activities are separated by age level: Preschool, Pre-K, and Kindergarten. Teachers

<http://www.earlyedgecalifornia.org>

Engaging Young Children and Families through Technology



Our mission

The Early Learning Lab works to ensure children's healthy development and kindergarten readiness. We identify and spread smart innovations and technology solutions that equip parents, caregivers, and teachers with better ways to help children from birth to age 5, when it matters most.



Lab Initiatives



Quality teaching and learning



Family and caregiver support



Innovations and technology solutions

Technology & Families

NextGen Technology:

Insights and Recommendations to Support the Parents of Children Ages 0–3



2

Think expansively about the range of parents' needs and how technology can meet them.

WHY

Most “early childhood” technology is centered on providing information about child development to parents, but barriers to effective parenting may have little to do with lack of information. Tools that help with transportation issues; help people navigate multiple social service systems; find childcare; etc., can all help parents better meet the needs of their kids. What are the needs that are not being met effectively or in a scalable manner by existing systems? There might be an opportunity to build a new tool to meet those needs.

HOW

- Create products for all, with the needs of low-income users in mind, rather than separate products for low-income users only.
- Tips for creating a new tool (from Diffusion of Innovation)

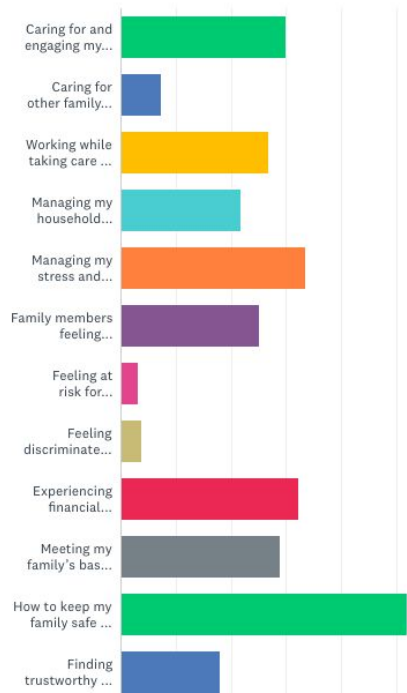
Make sure any new tool or program is:

- *Better than what exists (both costs and benefits)*
- *Compatible with beneficiaries' values, past experiences, and needs*
- *Simple to use (or do) and understand*
- *Testable without having to commit to it*
- *Observable so others can see the benefit of adopting it*

What Parents are Saying

What are the TOP THREE biggest difficulties for you during the coronavirus outbreak?

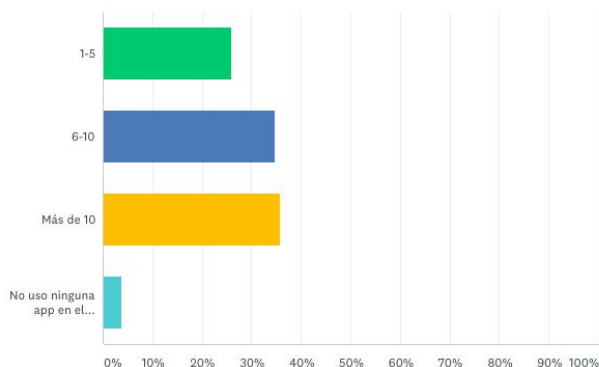
Answered: 1,010 Skipped: 0



P6

Número actual de aplicaciones instaladas en su telefono que usted usa:

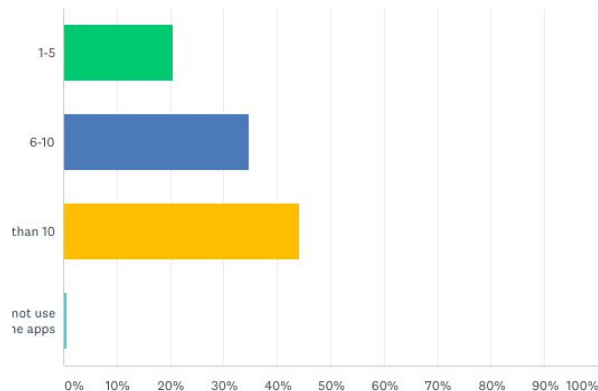
Respondidas: 510 Omitidas: 0



Q6

Current number of apps on your phone that you use:

Answered: 1,010 Skipped: 0



Stay Play Grow App

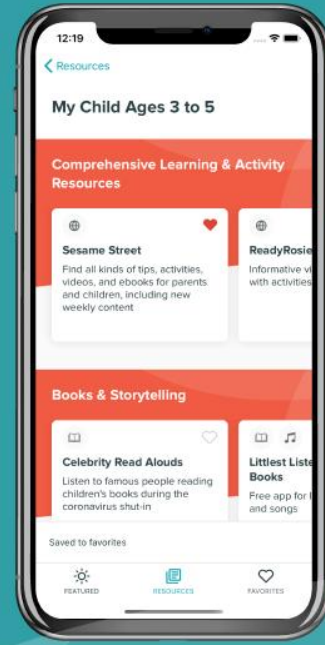
Discover fun, simple ways to play and learn with children at home



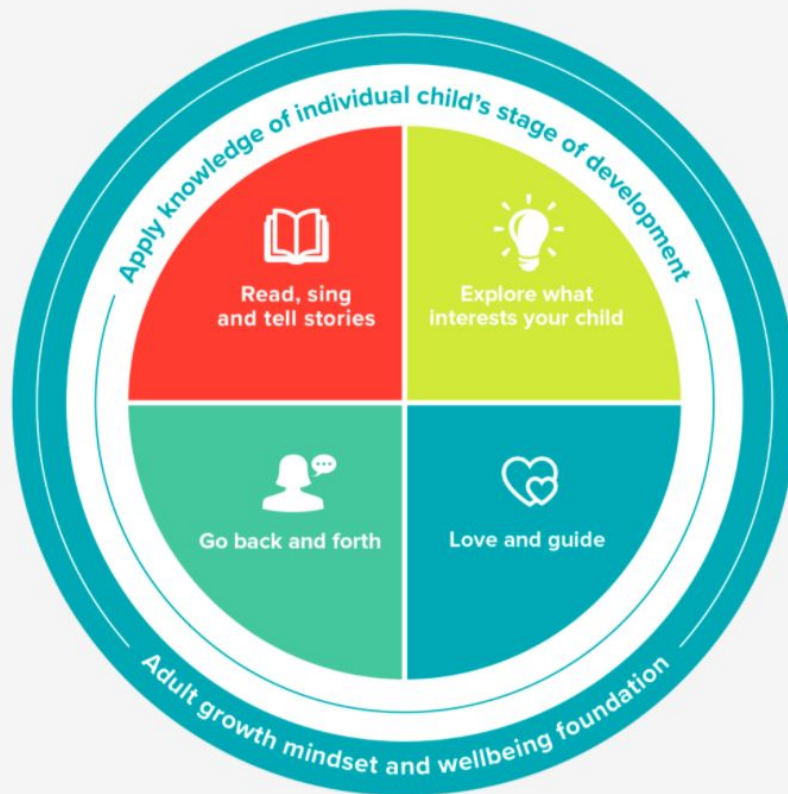
Connect to resources to manage stress, find food and diapers near you, and more



Favorite resources to come back to them later



Stay Play Grow App



Thank you, let's talk.

Sheetal Singh

Executive Director

ssingh@earlylearninglab.org

www.earlylearninglab.org



THE Early**LearningLab**



Promising Practices from The Field

Jessica Gutierrez

State Preschool Teacher
Fresno Unified School District

Connecting with Families



Connecting with Children



FaceTime

Pre-K₂ Class Zoom Meetings Calendar

**dates and times subject to change

April

2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9 Zoom Meeting 3pm	10	11
12	13 Zoom Meeting 11:00am	14	15 Zoom Meeting 2:30pm	16	17	18
19	20 Zoom Meeting 11:00am	21	22 Zoom Meeting 2:30pm	23	24	25
26	27 Zoom Meeting 1:00pm	28	29 Zoom Meeting 2:30pm	30		

Video Chats

Movement

M

Sit at computer



Sit with phone or tablet



Body calm



Activity

A

Video Chat



Eyes Watching



Ears Listening



Conversation

C

Voice level 0
While mic is muted



Raise hand to
speak



Milk a cow like a farmer.



farm
granja
Teb

An area of land used for
growing crops and raising
animals.

Supporting Learning at Home

Dear Families,

We hope this message finds you well. We appreciate your continued support and understanding as we navigate this new world of distance learning in Preschool and Pre-K. We want to emphasize that the most important thing is that you and your family are safe and happy. Our goal with this new line of communication is to alleviate some of the stress you may be feeling during this time of uncertainty, by offering suggestions and guidance toward resources to keep your children curious about learning.

End of the week:

You will receive an email with a newsletter containing information for the following week. The newsletter is a tool meant to support you in your child's learning and language development around the topic for the week. It will consist of a suggested intentional message and vocabulary as well as highlight activities centered around the weekly topic that we feel would be engaging and fun. We will also direct you toward full lesson plans containing more detailed schedules and activities that you can access online at your discretion.

Throughout the Week:

We will host class meetings on Zoom. These are not mandatory, but instead are another way to stay connected during this time apart. Our short meetings will provide an opportunity for the children to share any activities they have worked on or thoughts they have surrounding the topic. We will also offer opportunities for the children to share their feelings and experiences during this dynamic time in their lives. You will receive an invitation weekly for your child to join our Zoom session. The days and times are tentatively scheduled as follows:

Miss Sell: Monday – 10:00 AM

Miss Jessica: Monday – 11:00 AM & Wednesday – 2:30pm

Mrs. Silvia: Monday – 12:00 PM & Friday – 1:30pm

We hope you know how much your family means to us and how much we miss connecting with you and your child daily at school. Please know if you have any questions, concerns, or thoughts, do not hesitate to reach out to us. As this is a group email, please reply only to your child's teacher to have a one-on-one conversation to ensure a quicker response.

All the best,

Miss Sell, Mrs. Silvia, and Miss Jessica

Preschool/Pre-K Parent Newsletter

Week of April 20th-April 24th

Build a Barn Fort

Build a barn fort using blankets and pillows from around your house. Pretend you are a farmer or a barnyard animal. If you are an animal, what does your stall look like? Where do you sleep? What do you use for a bed? If you are a farmer, what kind of animals do you have in your barn? How do you take care of them? What do they need?

Plant a Bean

Place a bean in a wet paper towel inside a small plastic baggie. Set it in the sun or in a window and observe its changes over time. Will you see a bean grow? How does it grow? What grows first? Does it get tall? Does it grow leaves? Will it need more room to grow? Could you reuse a container you have to plant it in soil? Could you plant it outside?

Intentional Message

The food we eat comes from a farm.

Vocabulary

Farm: an area of land used for growing crops and raising animals

Farmer: a person who takes care of a farm

Grow: how plants and animals change over time

Produce: fruits and vegetables

Harvest: collecting produce when it is ready to be eaten

Barnyard Movement and Sounds

How do different animals move? What sounds do they make? Can you waddle like a duck? Can you gallop like a horse? Can you hop like a bunny? Can you peck like a hen? Can you wake up the other animals like a rooster? Can you moo like a cow?

For additional resources and detailed lesson plans, visit the link below.

https://www.tresnounified.org/dept/earlylearning/Documents/PS_PK_TK/Modules/Module_WK_4.pdf

Big Red Barn Read Aloud

Use the link below to read along with the story *Big Red Barn* by Margaret Wise Brown. Look at the cover, what do you think this book will be about? Where do you think it takes place? When reading the story, ask your child: What do you see? What is happening in the story? What sound does that animal make?

What does a scarecrow do? What animals go into the barn at night? What animals come out at night? Use this to start the conversation about barnyard animals and food that comes from a farm.

<https://www.youtube.com/watch?v=3weQRJLdQU>

Prepare a Meal Together

Have your child help you prepare a meal. They can rip lettuce for a salad, wash produce, add and stir ingredients, or even help crack an egg. While you are cooking together, talk about where the ingredients come from. Do they come from an animal or do they come from the ground? Here's a video explaining how a farm works:

<https://www.youtube.com/watch?v=Dqq4H6IsPSA>

VIDEOS

Uploads PLAY ALL

SORT BY



Canción: Cabeza, tórax, abdomen

No views • 22 hours ago
Unlisted

Song: Head, Thorax, Abdomen

No views • 22 hours ago
Unlisted

Canción: C-A-J-A

No views • 22 hours ago
Unlisted

Song: B-O-X

No views • 22 hours ago
Unlisted

Canción: Tubos y Túneles

No views • 22 hours ago
Unlisted

Song: Tubes and Tunnels

No views • 22 hours ago
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Canción: Ama tus mascotas

1 view • 22 hours ago
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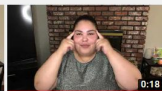
Song: Love Your Pets

1 view • 22 hours ago
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Lectura en voz alta: La Papa Enorme

3 views • 1 week ago
Unlisted

Canción: De la granja a la mesa

9 views • 1 week ago
Unlisted

How to Make Slime

No views • 21 hours ago
Unlisted

"What to Do with a Box" (en Español)

1 view • 22 hours ago
Unlisted

Canción sobre Cajas

1 view • 1 day ago
Unlisted

Box Chant

1 view • 1 day ago
Unlisted

What to Do with a Box? Read Aloud

6 views • 1 day ago
Unlisted

Making concentric circles on a box.

20 views • 1 day ago
Unlisted

How to make a robot out of a box.

9 views • 1 day ago
UnlistedFarm to Table De la granja a la mesa Ntawm daim teb los rau ntawm lub Rooj

Our food comes from a farm. (x2)

Hi-Ho, did you know?

Our food comes from a farm.

La comida viene de la granja. (x2)

Hi-Ho, ¿Sabías?

La comida viene de la granja.

Peb cov zaub mov los ntawm ib daim teb los. (x2)

Hi-Ho, Koj puas paub?

Peb cov zaub mov los ntawm ib daim teb los.



The farmer plants the seed. (x2)

Hi-Ho, did you know?

The farmer plants the seed.

El granjero planta la semilla (x2)

Hi-Ho, ¿Sabías?

El granjero planta la semilla.

Tus tswv teb cog lub noob. (x2)

Hi-Ho, Koj puas paub?

Tus tswv teb cog lub noob.



The seed grows into a plant. (x2)

Hi-Ho, did you know?

The seed grows into a plant.

La semilla crece en una planta. (x2)

Hi-Ho, ¿Sabías?

La semilla crece en una planta.

Lub noob loj mus ua ib tsob nroj. (x2)

Hi-Ho, Koj puas paub?

Lub noob loj mus ua ib tsob nroj.



The farmer harvests the produce. (x2)

Hi-Ho, did you know?

The farmer harvests the produce.

El granjero cosecha el producto. (x2)

Hi-Ho, ¿Sabías?

El granjero cosecha el producto.

Tus tswv teb sau cov khoom noj. (x2)

Hi-Ho, Koj puas paub?

Tus tswv teb sau cov khoom noj.



connecting
HOME and
SCHOOL makes
us a Great
COMMUNITY of
Learners!

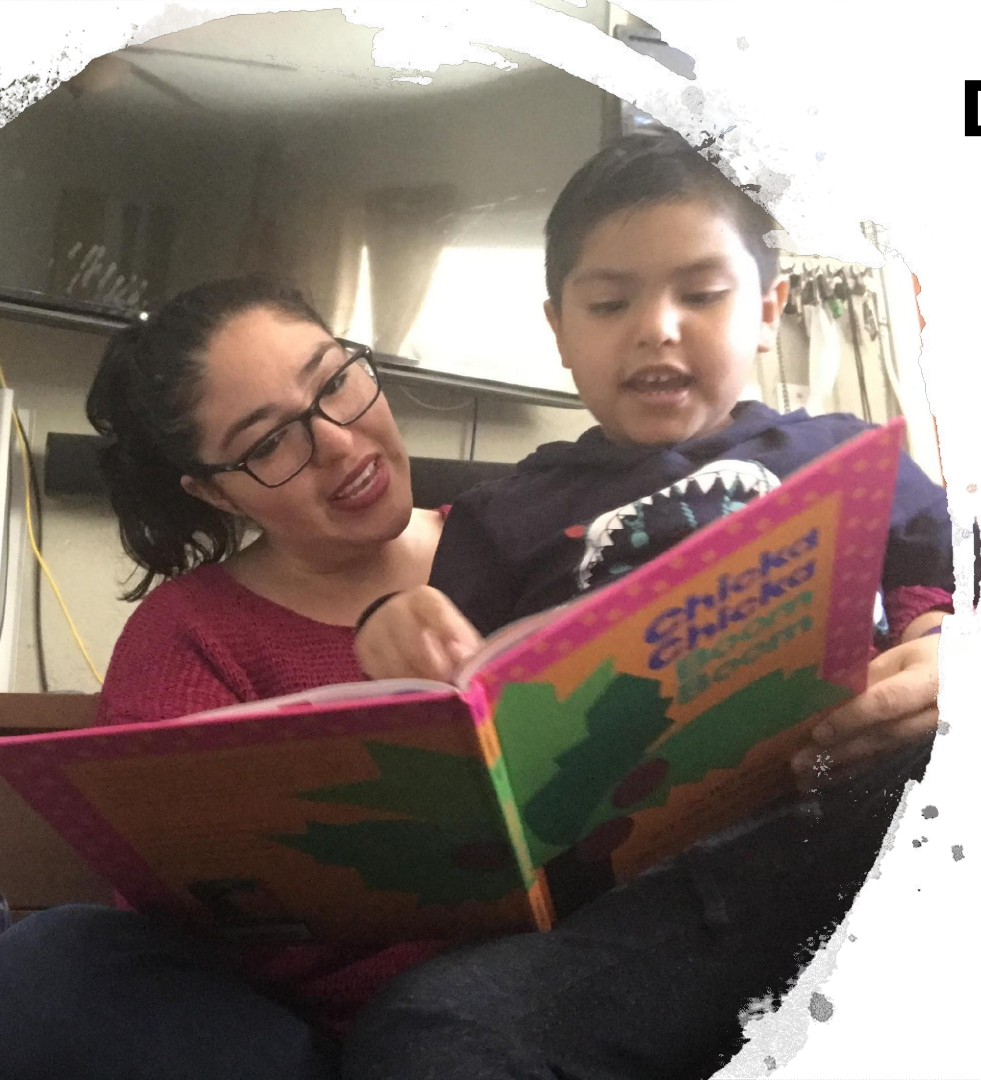




Promising Practices from The Field

Angelica Cardenas

Center Director/Lead Teacher, Preschool
Kidango



Distance Learning Platforms

- Kidango@home
- Zoom
- Classdojo
- Mathshelf

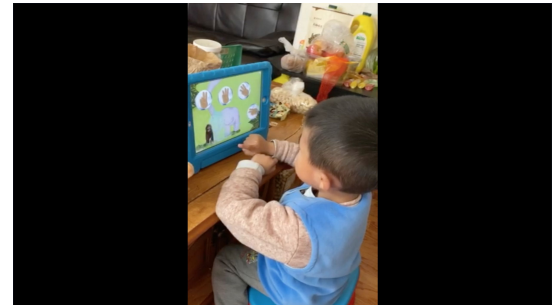
Curriculum

SEED's – Sensitivity,
Encouragement, Education,
Development, Self-image

SEAL – Sobrato Early Academic
Language

CSEFEL- Center on the Social
and Emotional Foundations for
Early Learning

Mathshelf

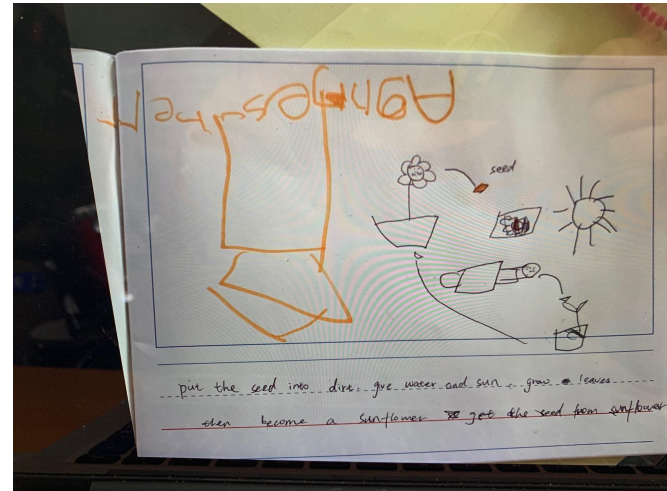


Seeds

RTI's

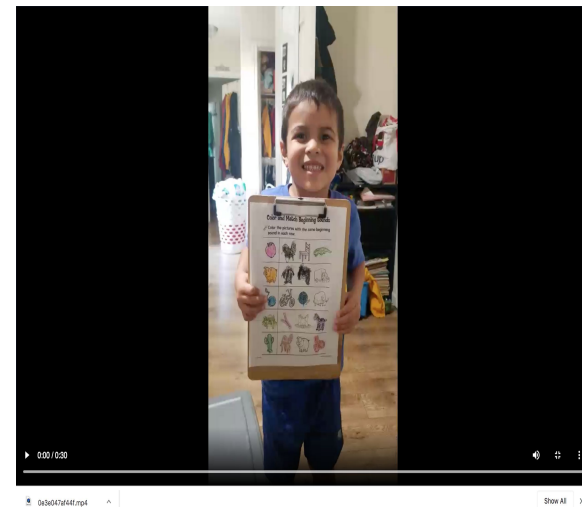
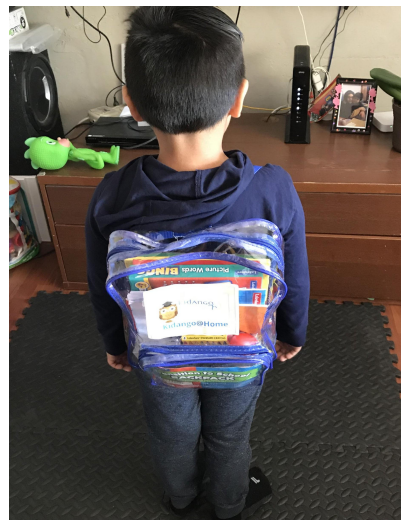
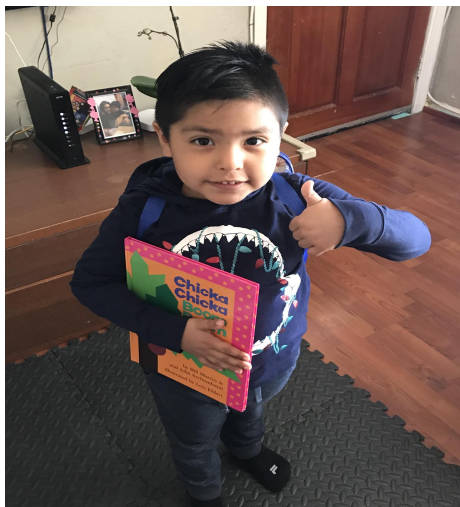


Journal
• Writing



SEAL

- Thematic units (this month's focus is gardening)
- Helps build language and science knowledge



Kidango@home

Parent Involvement



- Parent Support
- Communication
- Family Engagement

Resources

- <http://www.TapClickRead.org>
- <https://earlylearninglab.org/>
- <https://newamerica.org>
- <http://www.earlyedgecalifornia.org/>
- <http://www.PBSKIDS.org>
- <https://www.kidango.org/kidango-at-home/>





Q & A



Thank You!
Resources will be emailed to all participants.

