

2019-2020 TEACHER TIME
LITTLE SCIENTISTS—EXPLORING SCIENCE WITH INFANTS AND TODDLERS

Viewer’s Guide

This viewer’s guide summarizes the key ideas for exploring SCIENCE with infants and toddlers. Reflection questions and activities in this viewer’s guide will be used to stimulate your thinking about how you can foster children’s learning using science. Helpful resources and information presented in the webinar can be found in the Resources section of this guide.

1. Avocado Exploration Video Reflection



How did the teacher support scientific inquiry and how did the children respond?




Observing:

Asking Questions:

Making Predictions:

Analyzing or using information to understand the world:

2. Engaging Environments

		FAVORITE OPEN ENDED MATERIALS	WISH LIST
	OPEN-ENDED MATERIALS		
		DOING WELL	NEED SOME SUPPORT
	VARIETY OF MATERIALS		
	ACCESSIBLE MATERIALS		

3. Nurturing and Responsive Interactions Video Reflection



Scaffolding:

Supporting inquiry:

Speaking science:

Encouraging children to communicate:

4. Gail's Everyday STEAM

New materials/vocabulary I want to try:

5. Connecting Art & Science



How will you use the arts to help children explore science ideas?

SHARE WITH YOUR TEACHING TEAM OR SUPERVISOR!



5. Connecting Art & Science

Online Resources

15-minute In-service Suite, STEAM

<https://eclkc.obs.acf.hhs.gov/school-readiness/article/steam>

News You Can Use: Early science learning for infants and toddlers

<https://eclkc.obs.acf.hhs.gov/school-readiness/article/news-you-can-use-early-science-learning-infants-toddlers>

Full STEAM Ahead: Using practice-based coaching to support the teaching of science

<https://eclkc.obs.acf.hhs.gov/video/full-steam-ahead-using-practice-based-coaching-support-teaching-science>

Understanding STEAM and how children use it-

<https://eclkc.obs.acf.hhs.gov/sites/default/files/pdf/steam-ipdf.pdf>

Bang! Squish! Leap! Supporting the A in STEAM with infants and toddlers-

<https://eclkc.obs.acf.hhs.gov/video/bang-squish-leap-supporting-steam-infants-toddlers>

Text4Teachers

<https://eclkc.obs.acf.hhs.gov/teaching-practices/article/text4teachers>

Little Scientists: Building Early STEAM Skills

<https://eclkc.obs.acf.hhs.gov/publication/little-scientists-building-early-steam-skills>

Ready DLL Mobile App

<https://eclkc.obs.acf.hhs.gov/culture-language/article/ready-dll-mobile-app>

Head Start Early Learning Outcomes Framework (ELOF)

<https://eclkc.obs.acf.hhs.gov/school-readiness/article/head-start-early-learning-outcomes-framework>

- [There's the ELOF for That \(video\)](#)
- [ELOF Interactive Framework](#)
- [ELOF2GO Mobile App](#)
- [Effective Practice Guides](#)

MyPeers – <https://eclkc.obs.acf.hhs.gov/about-us/article/mypeers-collaborative-platform-early-care-education-community>

- Teacher Time

https://mypeers.mangoapps.com/ce/pulse/user/teams/group/profile_view?project_id=876521

