

## STEM Resources: [Early Childhood Learning & Knowledge Center](#)

### [Early Childhood Development](#)

#### [Science](#)

Where's the Science? <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science>

Science Webcast Series #1: *Let's Do Science!*

[http://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science\\_webcast\\_01/ScienceWebcast.htm](http://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science_webcast_01/ScienceWebcast.htm)

Viewer's Guide for Webcast #1 [http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Viewers\\_Guide%5B1%5D.pdf](http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Viewers_Guide%5B1%5D.pdf)

Transmisión vía web Núm 1 : ¡Descubramos a las ciencias! Fundamentos de las ciencias en los primeros años

<http://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Serie%20de%20transmisiones%20v%C3%ADa%20web%20sobre%20las%20ciencias/number-1/ScienceWebcast.htm>

Look What I Know. See What I Can Do! Webcast #2

[https://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science\\_webcast\\_02/ScienceWebcast.htm](https://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science_webcast_02/ScienceWebcast.htm)

Viewer's Guide for Webcast #2 [https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Webcast\\_2\\_Final\\_LearnersGuide%5B1%5D.pdf;d3NhZG1pbG==](https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Webcast_2_Final_LearnersGuide%5B1%5D.pdf;d3NhZG1pbG==)

Transmisión vía web acerca de las ciencias Núm. 2: Mira lo que sé. Observa lo que puedo hacer

<https://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Serie%20de%20transmisiones%20v%C3%ADa%20web%20sobre%20las%20ciencias/number-2>

Science through Language and Literacy Webcast #3

[https://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science\\_webcast\\_03/ScienceWebcast.htm;d3NhZG1pbG==](https://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science_webcast_03/ScienceWebcast.htm;d3NhZG1pbG==)

Viewer's Guide for Webcast #3 <https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Learner'sGuideWebcast%5B1%5D.pdf;d3NhZG1pbG==>

Transmisión vía web acerca de las ciencias Núm. 3: Lengua y alfabetización a través de las ciencias

<https://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Serie%20de%20transmisiones%20v%C3%ADa%20web%20sobre%20las%20ciencias/number-3>

Science Webcast Series #4 Bringing It All Together in Effective Environments  
[https://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science\\_webcast\\_04/ScienceWebcast.htm;d3NhZG1pbg==](https://eclkc.ohs.acf.hhs.gov/hslc/hs/resources/video/Science%20Webcasts/science_webcast_04/ScienceWebcast.htm;d3NhZG1pbg==)

Viewer's guide for Webcast #4 [https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Final\\_Draft\\_Webcast\\_4-LearnersGuide%5B1%5D.pdf;d3NhZG1pbg==](https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Final_Draft_Webcast_4-LearnersGuide%5B1%5D.pdf;d3NhZG1pbg==)

Transmisión vía web acerca de las ciencias Núm. 4: Cambiando las partes con la instrucción intencional en ambientes eficaces

<https://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Serie%20de%20transmisiones%20v%C3%ADa%20web%20sobre%20las%20ciencias/number-4>

The Office of Head Start Teacher's Guide to the Discovering Science Webcast Series

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/ohs-science-guide-english.pdf>

Marvelous Explorations Through Science and Stories (MESS)

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/IntroductiontoM.htm>

MESS Introduction and Teacher's Guides

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/intro-mess.htm>

Capitalizing on Children's Fascination with the Everyday World to Foster Language and Literacy Development

<https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/CapitalizingonC.htm;d3NhZG1pbg==>

Infants and Toddlers Meet the Natural World <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/BTJNatureMcHenry.pdf>

Does Early Head Start Support Math and Science Development With Infants and Toddlers?

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/DoesEarlyHeadS.htm>

¿Respalda Early Head Start el desarrollo de las matemáticas y las ciencias en los bebés y niños pequeños?

<https://eclkc.ohs.acf.hhs.gov/hslc/Espanol/esp-ehs/ehs/RespaldaEarlyH.htm;d3NhZG1pbg==>

## **Engineering**

MESS Teacher's Guide: Physical Science <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Science/Physical-Science.pdf>

## **Mathematics**

OHS Math Webcast Series <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/OHSMathWebCast.htm>

Where's the Math? (Webcast #1) Block Towers Lesson

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/BlockTowers.htm>

¿Dónde están las matemáticas? (Transmisión vía web Núm.1) Lección de las torres de bloques.

<http://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Transmisiones%20v%C3%ADa%20web%20y%20lecciones%20de%20OHS%20sobre%20las%20atem%C3%A1ticas%20-%202008/OHS%20Math%20Webcasts%20and%20Lessons%20-%20Webcast%201/BlockTowers.htm>

Number & Operations (Webcast #2) Five Creatures Lesson

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/FiveCreatures.htm>

Números y operaciones (Transmisión vía web Núm.2) Lección de las cinco criaturas

<http://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Transmisiones%20v%C3%ADa%20web%20y%20lecciones%20de%20OHS%20sobre%20las%20atem%C3%A1ticas%20-%202008/OHS%20Math%20Webcasts%20and%20Lessons%20-%20Webcast%202/FiveCreatures.htm>

Finding the Math in Books: Ideas for Teaching Staff Highlighting Number and Operations

[http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Curriculum/Planning/FindingMathBooksNumbOper\\_3\\_10\\_08\\_final.pdf](http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Curriculum/Planning/FindingMathBooksNumbOper_3_10_08_final.pdf)

Number & Operations (Webcast #2) Counting Assessment Lesson

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/CountingAssessme.htm>

Números y operaciones (Transmisión vía web Núm.2) Lección para evaluar las destrezas de conteo

<http://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Transmisiones%20v%C3%ADa%20web%20y%20lecciones%20de%20OHS%20sobre%20las%20atem%C3%A1ticas%20-%202008/OHS%20Math%20Webcasts%20and%20Lessons%20-%20Webcast%202/CountingAssessme.htm>

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/HoopGameLesson.htm>

Where's the Math (Webcast #1) Hoop Game Lesson

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/HoopGameLesson.htm>

¿Dónde están las matemáticas? (Transmisión vía web Núm.1) El juego de anillas

<http://eclkc.ohs.acf.hhs.gov/hslc/Espanol/Cinema/Transmisiones%20v%C3%ADa%20web%20y%20lecciones%20de%20OHS%20sobre%20las%20matem%C3%A1ticas%20-%202008/OHS%20Math%20Webcasts%20and%20Lessons%20-%20Webcast%201/HoopGameLesson.htm>

'Ideas To Help Children Learn Math During Everyday Home Routines' [in] A Family

Note on Finding the Math <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/Ideastohelpc.htm>

Does Early Head Start Support Math and Science Development With Infants and Toddlers?

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/DoesEarlyHeadS.htm>

¿Respalda Early Head Start el desarrollo de las matemáticas y las ciencias en los bebés y niños pequeños? <https://eclkc.ohs.acf.hhs.gov/hslc/Espanol/esp-ehs/ehs/RespaldaEarlyH.htm;d3NhZG1pbG>

News You Can Use: Supporting Early Math Learning for Infants and Toddlers

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/ehsnrc/Early%20Head%20Start/early-learning/curriculum/nycuearlymathlear.htm>

## **Parents & Families**

For Families <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/family/for-families>

Fun and Learning <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/family/for-families/Learning%20Games%20and%20Activities>

'Ideas To Help Children Learn Math During Everyday Home Routines' [in] A Family

Note on Finding the Math <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/teaching/eecd/Domains%20of%20Child%20Development/Mathematics/Ideastohelpc.htm>

Health Literacy and Health Tips for Parents and Families

<http://eclkc.ohs.acf.hhs.gov/hslc/tta->

[system/health/Health/Health%20Manager%20Resources/Health%20Manager%20Resources%20Families/tipsheetfamily.htm](http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/health/Health/Health%20Manager%20Resources/Health%20Manager%20Resources%20Families/tipsheetfamily.htm)

Importance of Home Language Series <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/cultural-linguistic/center/home-language.html>

Serie sobre la importancia del idioma del hogar <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/cultural-linguistic/center/home-language-esp.html>

Benefits of Being Bilingual <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/cultural-linguistic/docs/benefits-of-being-bilingual.pdf>

Las ventajas de ser bilingüe <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/cultural-linguistic/docs/benefits-of-being-bilingual-esp.pdf>