

SCRIPT-NC

Supporting Change and Reform in Preservice Teaching in North Carolina

Child Development (conception – age 8) Webinar March 3, 2015

2:00 pm - 3:00 pm EST

http://scriptnc.fpg.unc.edu









Features of SCRIPT-NC's 2015 Webinar Series

Each webinar emphasizes

- embedding inclusion and diversity into coursework
- resources, activities, and assignments for delivering course content to build both knowledge acquisition and knowledge application

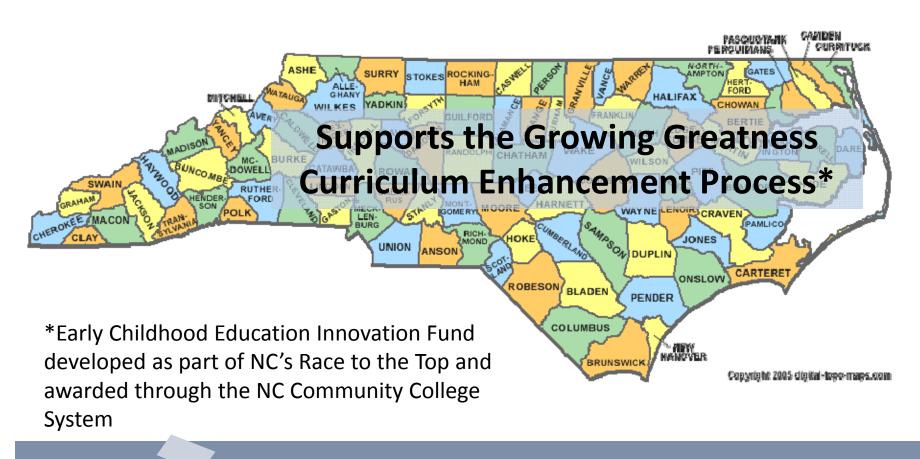
Each webinar features activities, assignments and strategies for incorporating

- state early learning guidelines
- the components of a formative assessment process
- 2014 DEC Recommended Practices





About SCRIPT-NC's 2015 Webinar Series









Landing Pads

- Handouts
- PowerPoints
- Recording



Introduction to Early Childhood



Children with Exceptionalities



Child Development and Learning (Birth to 36 months)



Child Development (36 months - middle childhood)



Social-Emotional Development/Child Guidance



Child, Family, and Community



Language and Literacy



Creative Activities



Health, Safety, and Nutrition



Zarhi Childhood Canetona Dractica



Educational Tachnology

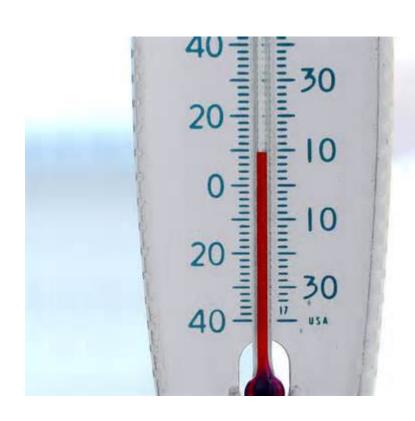
http://scriptnc.fpg.unc.edu/resource-search

SCRIPT-NC



UNC
FPG CHILD DEVELOPMENT INSTITUTE

Quick Poll



What is the outside temperature where you are?





Logistics

Questions?
Comments?



USE THE CHAT BOX







Child Development and Learning (conception through age 8)

This Landing Pad provides information and resources that can be used to enhance early childhood courses focusing on child development and learning (conception through age 8), to support the inclusion of children with disabilities and children who are culturally and linguistically diverse.

Approved Course Description

This course* includes the theories of child development, needs, milestones, and factors that influence development, from conception through age 8. Emphasis is placed on developmental sequences in physical/motor, emotional/social, cognitive, and language domains and the impact of multiple influences on development and learning. Upon completion, students should be able to compare/contrast typical/atypical developmental characteristics, explain environmental factors that impact development, and identify strategies for enhancing development.

NC Core Course, 144 & 145



http://scriptnc.fpg.unc.edu/resource-search





Common Areas of Emphasis

- Factors that influence development and learning (e.g., biology, environment, culture)
- Stages of development, developmental milestones, and characteristic behaviors in all domains
- Observation and documentation techniques
- Distinguish typical and atypical characteristics of development
- Developmentally, culturally/linguistically, and individually appropriate experiences, interactions, and environments that support each child





Four Foundational Concepts

- Development is heavily influenced by culture and language
- Development is heavily influenced by quality early experiences
- Development is heavily influenced by relationships
- Development is heavily influenced by socio-economic status









Developmental Contexts

POSITION STATEMENT

naeyc'

Developmentally Appropriate Practice in Early Childhood Programs Serving Children from Birth through Age 8

Adopted 2009

A position statement of the National Association for the Education of Young Children

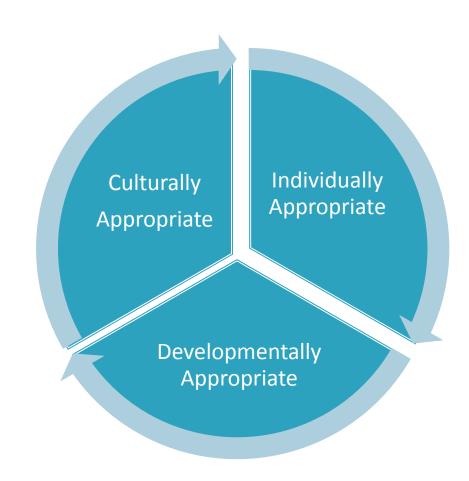
The purpose of this position statement is to promote excellence in early childhood education by providing a framework for best practice. Grounded both in the research on child development and learning and in the knowledge base regarding educational effectiveness, the framework outlines. practice that promotes young children's optimal learning and development. Since its first adoption in 1986, this framework has been known as developmentally appropriate practice.1

The profession's responsibility to promote quality in the care and education of young children Evaluation, as well as the Code of Ethical Conduct compels us to revtsit regularly the validity and cur- and NAEYC Early Childhood Program Standards and rency of our core knowledge and positions, such as this one on issues of practice. Does the position need modification in light of a changed context? Is there new knowledge to inform the statement? Are there aspects of the existing statement that have given rise to misunderstandings and misconceptions that need correcting?

Over the several years spent in developing this revision, NAEYC invited the comment of early childhood educators with experience and expertise from infancy to the primary grades, including

a late 2006 convening of respected leaders in the field. The result of this broad gathering of views is this updated position statement, which addresses the current context and the relevant knowledge base for developmentally appropriate practice and seeks to convey the nature of such practice clearly and usefully.

This statement is intended to complement NAEYC's other position statements on practice, which include Early Learning Standards and Early Childhood Curriculum, Assessment, and Program Accreditation Criteria.2







12 Principles of Child Development and Learning that Inform Practice











12 Principles of Child Development and Learning

- 1. All areas of development and learning are important.
- 2. Learning and development follow sequences.
- 3. Development and learning proceed at varying rates.
- Development and learning result from an interaction of maturation and experience.
- Early experiences have profound effects on development and learning.
- Development proceeds toward greater complexity, self-regulation, and symbolic or representational capacities.
- Children develop best when they have secure relationships.
- 8. Development and learning occur in and are influenced by multiple social and cultural contexts.
- 9. Children learn in a variety of ways.
- Play is an important vehicle for developing self-regulation and pro¬moting language, cognition, and social competence.
- Development and learning advance when children are challenged.
- Children's experiences shape their motivation and approaches to learning.

Principle	Evidence Sources
Early Experiences	
Relationships	
Play	

What's developmentally appropriate?

At what age would we typically expect a child to . . .

- Sit still for 20 minutes?
- Understand the concepts of weeks and months?



Milestone	Age of Mastery	Evidence Sources





Cultural Influence

See for Yourself

Independence
Dependence
Inter-dependence

Feeding Toileting Interacting



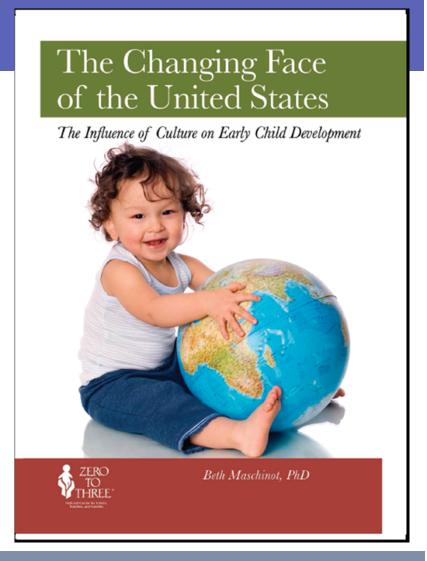




Cultural Influence



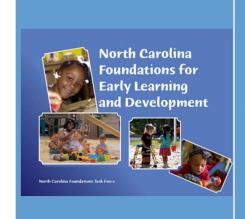
Research on the many ways in which culture influences development

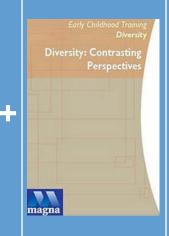


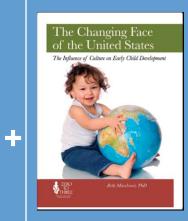




Cultural Influence Activity







USE FOUNDATIONS TO DISCOVER HOW CULTURE IMPACTS DEVELOPMENT. Pass out Post-it motes to students and ask them to "flag" sections of Foundations with information about developmental expectations for feeding skills. Show students the brief segment from the video Diversity: Controsting Perspectives

(http://www.learningseed.com/catalog/diversity-contrasting-perspectives) that focuses on different ways to feed children. Stop right after you see the adult feeding a two-year old and a four-year old. Discuss with students how the approach to feeding used by caregivers can impact the age at which developmental milestones are achieved.

Extensions: Assign The Changing Face of the United States: The Influence of Culture on Early Child

Development [http://main.zerotothree.org/site/DocServer/Culture_book.pdf?doclD=6921] to students as
a reading. After reading the examples of how culture impacts different aspects of development, ask
students to pull illustrations from the article to complete a chart that highlights cultural considerations in
each domain of Foundations.

State early learning guidelines

Diversity:
Contrasting
Perspectives
(video)

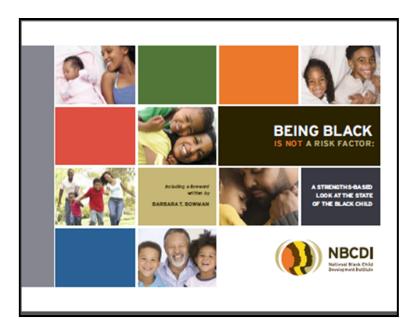
The Changing
Face of the
United States:
The Influence
of Culture on
Early Child
Development
(reading)



in Child Development (conception to age 8)







Highlighting the Positive Development of Minority Children



Why Does This Matter?

In recent decades, the development and well-being of ethnic and racial minority children has received sustained attention from policymakers and practitioners. But much of the focus has emphasized problems in the children's development, eclipsing attention to minority children's strengths and assets. We must pay closer attention to what families and communities are doing right to promote optimal child development so these efforts can be supported and strengthened through programs and interventions.



Listening Learning Leading*

POLICY NOTES

News from the ETS Policy Information Center

Volume 19, Number Policy Evaluation & Research Center Full 2011

In this Issue

The abinement gaps that and binement or a society committed to equal advocational opportunity and are a drag on the nation's economy, prosperity and competitioness. The large gap between Black makes and others exists before these children start school and continues throughout their filespen. This gap and the particular plight of Black makes was the locus of two recent ETS conferences that are highlighted in this issue of ETS highlighted in this issue of ETS highlighted in this issue.

The more recent conference, "A Strong Start: Proteoming Towng Black Buys for Educational Socrass," commend in partnership with the Children's Defense Fund, took place at the National Press Cubi in Weshington, D.C., on Jame 14, 2011, and attracted more than 350 educators, researches, practitioners and policymakers. The conference bosoned attention on the nation's 3.5 million Black makes from birth to age nine.

(continued on page 1)



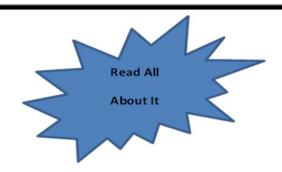
"It is easier to build strong children than to repair broken men."

— Fredericz Coupless

Addressing Achievement Gaps

Positioning Young Black Boys for Educational Success

America is falling its young Black boys, in metopolitan ghettos, rural villages and midsted townships across the country, schools have become holding tanks for populations of Black boys who have a statistically higher probability of walking the corridors of prison than the halls of college. Across America, the problem of Black male achievement seems intractable. We fall our Black sons more than any other social or ethnic group.



Cultural Influence

Boys and Men of Color

Nearly every major indicator of economic, social and physical well-being shows that black and brown men and boys in the United States disproportionately lack access to the structural assets and opportunities needed to thrive. The Foundation Center's report Where Do We Go From Here? Philanthropic Support for Black Men and Boys documents the stark reality that there are too many obstacles and too few prospects to ensure that men and boys of color have the resources necessary to reach their full potential in life. 44

Over the past six years, there has been an upswing in the philanthropic sector's recognition of the myriad ways in which boys and men of color are being consistently and systemically marginalized by the public agencies that touch their lives (e.g., child welfare, juvenile justice, education, health care). Diffuse investments in pockets of communities throughout the country, which were rarely coordinated among various foundations, have morphed into coordinated philanthropic strategies working across institutions and across sectors.

The Annie E. Casey Foundation was a part of two recent efforts to mobilize action on this issue. In April 2013. 27 foundations formed the Executives' Alliance to Expand Opportunities for Boys and Men of Color, This philanthropic effort is a growing network of national. regional and community foundations with a shared conviction to ensure that all boys and men of color enjoy full opportunity and inclusion. The Executives' Alliance seeks to increase targeted philanthropic investments, build a sustainable field and utilize the platforms and voice of foundation executives to promote new parratives for males of color and change policies for these populations. 46

In addition, on February 27, 2014, the Obama administration announced a public-private partnership, My Brother's Keeper, with IO philanthropies. The partnership is a cross-sector commitment to make targeted investments of financial and political capital to reduce the barriers to positive life outcomes for boys and men of color in America. 46

Pacts

RACE FOR RESULTS

building a path to opportunity for all children

policy report

ROS COUNT

What are current developmental outcomes for boys of color in your area? How could you help your students learn about that?

Linguistic Influence



Supporting the Oral Language Development of Young Dual Language Learners: Why and How



By Linda M. Espinosa, Ph.D.
espinosal@missouri.edu
October 11, 2011
Teaching Strategies Webinar





Linguistic Influence

- Classroom vignettes and childteacher interactions
- Stages of second language acquisition
- Strategies for working with dual language learners in preschool settings
- Three 20-minute videos
- Closed-captioned; subtitled in Spanish
- Available from Redleaf Press

Soyul and Teacher Yvette



Adventures in Preschool Second Language Acquisition





Socioeconomic Influence

The Effect of Poverty on Child Development and Educational Outcomes

PATRICE L. ENGLE^a AND MAUREEN M. BLACK^b

^aCalifornia Polytechnic State University, San Luis Obispo, California, USA
^bUniversity of Maryland Baltimore, Baltimore, Maryland, USA

Poverty affects a child's development and educational outcomes beginning in the earliest years of life, both directly and indirectly through mediated, moderated, and transactional processes. School readiness, or the child's ability to use and profit from school, has been recognized as playing a unique role in escape from poverty in the United States and increasingly in developing countries. It is a critical element but needs to be supported by many other components of a poverty-alleviation strategy, such as improved opportunity structures and empowerment of families. The paper reviews evidence from interventions to improve school readiness of children in poverty, both in the United States and in developing countries, and provides recommendations for future research and action.

Key words: poverty; child development; school readiness; educational outcomes; developing countries





When the Bough Breaks: The Effects of Homelessness on Young Children

February 2012

By Marci McCoy-Roth, Bonnie B. Mackintosh and David Murphey



Ideas and Strategies for Incorporating the DEC Recommended Practices in Child Development (Conception to Age 8)

DEC RECOMMENDED PRACTICES IN ACTION. The five DEC interactional practices (INT1-INT5) are critical in children's language, social emotional, and cognitive development. Using CONNECT Modules (http://community.fpg.unc.edu), ask students to watch the following three videos: Video 1.15: Routine at home – playing Mr. Potato Head®, Video 1.7: Routine in a program – building with blocks, and Video 1.6: Routine in a program – taking turns. As they watch the videos, have them check off the DEC recommended practices that they observe using the checklist below. Note that not all the practices in the checklist are observable in the videos but they may be used as a catalyst for discussion. For on-ground courses, discuss after each video clip. For online courses, facilitate a discussion on the online discussion board.

	CONNECT	Module 1	Module 7	
DEC Recommended Practices ¹	Video 1.15: Routine at home – playing Mr. Potato Head	Video 1.7: Routine in a program – building with blocks	Video 1.6: Routine in a program – taking turns	
INT1. Practitioners promote the child's social-emotional development by observing, interpreting, and responding contingently to the range of the		_		
child's emotional expressions.			250	
INT2. Practitioners promote the child's social development by encouraging			The same	4 600 M
the child to initiate or sustain positive interactions with other children and adults during routines and activities through modeling, teaching, feedback, or				
other types of guided support.				
INT3. Practitioners promote the child's communication development by				
observing, interpreting, responding contingently, and providing natural consequences for the child's verbal and non-verbal communication and by			Part of the last	
using language to label and expand on the child's requests, needs,				
preferences, or interests.				
INT4. Practitioners promote the child's cognitive development by observing,				
interpreting, and responding intentionally to the child's exploration, play, and social activity by joining in and expanding on the child's focus, actions, and				
intent.			Top	3
INTS. Practitioners promote the child's problem-solving behavior by				
observing, interpreting, and scaffolding in response to the child's growing			The state of the s	
level of autonomy and self-regulation.				

CONNECT

Young Children Develop in an Environment of Relationships

WORKING PAPER 1

HEALTHY DEVELOPMENT DEPENDS ON THE QUALITY AND RELIABILITY OF A YOUNG CHILD'S relationships with the important people in his or her life, both within and outside the family. Even the development of a child's brain architecture depends on the establishment of these relationships. 1, 2, 3, 4, 5, 6











Our collective capability

What's a favorite strategy for developing your students' knowledge of developmental milestones?













Stages of Development

True-False Quiz: A great alternative to lecture

Answer each of the following questions about gross motor skills				
Most t	•	n jump in place on the floor with both feet		
Five ye six.	ear olds often m	naster the art of skipping before they turn		

Stages of Development Activity

Developmental Milestone Puzzle

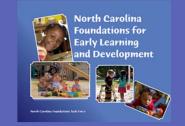
	2-3 years	3-4 years	4-5 years	5+ years
Large Motor Skills	Jumps in place on floor with 2 feet together	Hops on one foot	Walks up and down stairs, alone alternating feet	Skips using alternate feet
Fine Motor Skills	Strings several large beads on a string	Builds a tower of nine small blocks	Copies a square using a crayon	Prints numerals "1" to "5"
Language Skills	Makes negative statements	Repeats at least one nursery rhyme. Can sing a song.	Tells the content of a story but may confuse facts	Few differences from adults' language
Social Skills	Plays house, imitating basic domestic activity	Joins in play with other children and begins to interact with them	Dramatic play is closer to reality, with attention paid to detail, time and space	Plays simple table games such as Candy Land

Stages of Development Activity

Developmental Milestone Puzzle

	2-3 years	3-4 years	4-5 years	5+ years
Large Motor Skills				
Fine Motor Skills				
Language Skills				
Social Skills				

Use Your State's Early Learning Guidelines/Standards



Emotional and Social Development

- Developing a Sense of Self
- Developing a Sense of Self with Others
- Learning About Feelings

Health and Physical Development

- · Physical Health and Growth
- Motor Development
- Self-Care
- Safety Awareness

Language Development and Communication

- · Learning to Communicate
- · Foundations for Reading
- · Foundations for Writing

Cognitive Development

- · Construction of Knowledge: Thinking and Reasoning
- Creative Expression
- Social Connections
- Mathematical Thinking and Expression
- Scientific Exploration and Knowledge

Social	and	Emotional
Develo	pme	ent

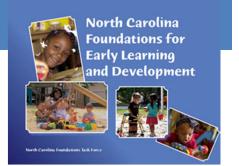
Health and Physical Development

Language Development and Communication

Cognitive Development

Just the Facts, Ma'am

Use developmental domains to organize observations of child development



Approaches to Play and Learning

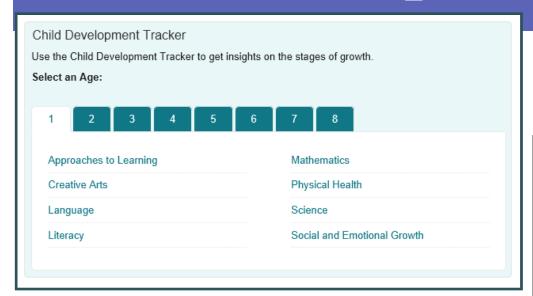
Emotional and Social Development

Health and Physical Development

Language
Development and
Communication

Cognitive Development

Child Development Resources



Child Development (from PBS Parents)



Women and Children's Health Network Parenting and Child Health

Child development: 0-3 months

At birth a baby does not know or understand anything. It quickly learns to recognise the smell and voice of the person who feeds them and holds them most often but they do not know this is their 'mother'.

However, even from birth, they start to communicate with you and give you little signals when they are tired or hungry, or awake and alert.

They are learning all the time.

Contents

- Social and emotional development
- Physical development
- Crying
- Hearing and seeing
- Using their bodies
- Speech and language
- Activities for young babies
- Sleep
- Summary
- References





Thinking Outside the Boxes (domains)

Executive Function: Skills for Life and Learning

Ask your students to. . .

- 1... watch a video about executive function and self-regulation OR
- 2. . . . read about executive function and self-regulation AND
- 3. . . identify places in your state's early learning guidelines that the underlying components of executive function are addressed

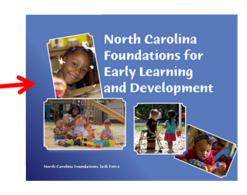
Enhancing and Practicing Executive Function Skills with Children from Infancy to Adolescence







Center on the Developing Child W HARVARD UNIVERSITY



Observation & Documentation: Foundations of Formative Assessment

OBSERVING AND DOCUMENTING DEVELOPMENT. The assignment of observing a child over time and documenting what is observed can be a powerful way to develop foundational understanding of formative assessment. Students can be asked to observe a child at several points in time across the semester, documenting what they see each time. (NOTE: This might also be an opportunity to introduce students to several different methods of observation/documentation. For ideas see

http://www.heartland.edu/documents/heip/faculty2/CHLD101/Handouts/CommonObservationStrategies.pdf). Incorporate an expectation that students will check to determine how the child's development aligns with Foundations.

+

What to Document	Documentation]
Development (across all domains of Foundations)	***	1
Behaviors		
Strengths		
Needs		
Interests		Whaippen

This assignment can be extended in variety of ways to increase the complexity (e.g., hold a conversation with family to gain additional insights about development, cultural/linguistic considerations, etc.; ask students to use the information they have been collecting in their observations to draw some conclusions from the data).





Results Matter Video Library

These videos have been produced to help providers better understand ways to use observation, documentation, and assessment to inform practice. You can watch the clips online or download QuickTime versions of the videos for use in educational and professional development activities.



Video Categories (Click on a category below to view a list of videos.)

Early Care and Education

» Early Intervention

Just Being Kids

Clips for Practicing Observation, Documentation and Assessment Skills

(View Only Practice Clips in Spanish)

General Interest

<u>Using Technology for Authentic</u> <u>Assessment</u>

Practices Here and There

iPads In Early Childhood





Clips for Practicing Observation, Documentation, and Assessment Skills



Samantha and Sara Building Towers and Castles (Runtime: 6:45)

Preschoolers Sara and Samantha demonstrate a variety of imaginative, manipulative, gross motor, communication, and social skills in the block area.

View Video | Download Video



Samantha on the Playground (Runtime: 1:46)

Preschooler Samantha demonstrates a rich variety of gross motor skills over a short period of time on the playground.

View Video | Download Video



Joy and Johna Working on a Puzzle (Runtime: 6:04)

Preschoolers Joy and Johna demonstrate a rich variety of fine motor, communication, social, play, and problem-solving skills while working together on a puzzle.

View Video | Download Video





See For Yourself



Empowering Preschool Quality



http://www.uni.edu/coe/regentsctr/epq/search



Stacking Blocks

Geometry and pattern recognition emerge during play with blocks.

Standards:

IELS: 11.2, 11.5, 8.2 IQPPS: 2.11, 3.1, 3.12

NAEYC: 2.A.12, 3.A.04, 3.E.04

HSPS: 1304.21 (a)(4)(i), 1304.21 (c)(1)(ii)

HSCOF: Science, - Scientific Skills and Methods, Social and Emotional Development, - Cooperation, - Social Relationships, Approaches to Learning, Initiative and Curiosity, - Engagement and Persistence, - Reasoning and Problem Solving, Physical Health and Development, - Fine Motor Skills



Which One is Missing?

A game that builds memory and reasoning skills.

Standards:

IELS: 11.5, 7.2, 8.3 **IQPPS:** 2.28, 2.8, 2.9

NAEYC: 2.A.08, 2.A.10, 2.G.06

HSPS: 1304.21 (c)(1)(ii), 1304.21 (c)(1)(vi)

HSCOF: Science, - Scientific Skills and Methods, - Scientific Knowledge, Approaches to Learning, - Initiative and Curiosity, - Engagement and

Persistence, - Reasoning and Problem Solving





See For Yourself







This video describes some developmental milestones in relation to toys and learning materials of children from birth to 8 months of age. It also lists qualities toys for young infants should possess.

Toddlers and Twos

This video describes some developmental milestones in relation to toys and learning materials of toddlers. It also describes characteristics of toys for toddlers.

Toddler Physical Development

This video discusses the physical development of toddlers.

How Infants Learn & Should Be Taught

This video discusses what infants need in order o be successful

http://www.ecetp.pdp.albany.edu/videolibrary.sht

to make sure they describe how they do some of III the video.



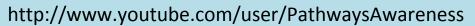




Typical-Atypical Development

Use Foundations to Familiarize Students with AGE-SPECIFIC EXPECTATIONs for young children AND to Build the vocabulary to describe differences in development. For example, you could show clips from the Pathways Awareness Foundation video library (https://www.youtube.com/user/PathwaysAwareness/videos). This collection has clips of children who are on track in terms of motor milestones and children who are significantly delayed.

- 1. Prepare students to watch a clip by telling them they will need to describe, in writing, what they see the child doing. Show students a clip that shows a child with typical development.
- 2. Ask students to look in *Foundations* for information about whether the child's development is consistent with what they might expect.
- 3. Ask students to share their descriptions. Work together to re-state any descriptions that are subjective (e.g., if a student says "the child's movement was lazy" work together to find more objective description, like "the child's movement was slow and labored.")
- 4. Repeat the sequence (observe/describe, look in *Foundations*, share descriptions) with a second clip depicting a child whose motor patterns are not typical.
- 5. Discuss the differences.











Seeing Development Everywhere



How Many Concepts?

- What domains of development can you support each time you share this song with a child?
- For what age(s) is this song developmentally appropriate?







Play & Development Assignment

Domain	Ways to Use Play To Support Development	Evidence
Social-Emotional		
Language/Literacy		
Health and Physical Development		







Case Study Assignment

Do you have an assignment like this?

Your assignment is to get to know a child this semester. Select a child you do not know well so you can really practice your observations on them. You should observe the child at least twice a month, recording all observations. In your final paper, draw conclusions about how this child is doing developmentally.





What about ...

- Requiring the student to ask the family about an area of development that they
 are interested in (e.g., this may be an area in which the child excels and the
 family wants to foster or this may be an area in which the child is struggling).
 Then students could identify evidence-based strategies and resources for the
 family to consider in addressing that area.
- Incorporating domain specific questions that can support students in seeing many facets of the child across domains of development. Who is the child?
 What does he/she like to do? Who does he/she like to do it with? What does he/she find hard or frustrating? What is his/her style of learning?
- Incorporating a requirement to touch base with the child's family to see if they concur with your observations?





Classroom Environment

Do you have an assignment like this?

Visit an early childhood classroom. Complete the following:

- 1. Write a description of the room. Describe the furnishings and how they are arranged.
- 2. Describe the interactions you observed between the caregivers and the children.
- 3. Describe ways in which developmentally appropriate practices were used in this classroom.
- 4. Describe the theories of child development that were evident in this classroom.

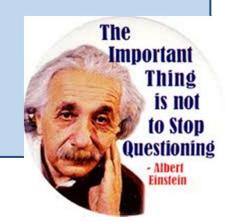
Classroom Environment

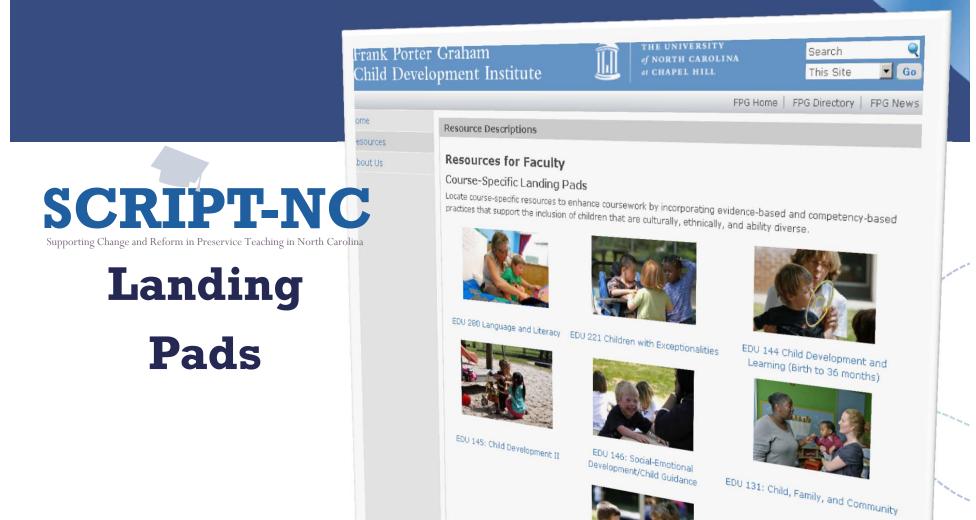
How could you change this assignment to incorporate opportunities to apply new knowledge about child development?

To help students attune to opportunities to build executive function and self-regulation skills?

To help students understand how to be more thoughtful about cultural and linguistic diversity?

To help students understand how to individualize for children of diverse abilities?





http://scriptnc.fpg.unc.edu/resource-search





Upcoming Webinar

April 7, 2:00 pm – 3:00 pm EST

Topic: Infants, Toddlers, and Twos



Register and check out the topics/dates for our 2015 webinar series: http://scriptnc.fpg.unc.edu/registration-2015-script-nc-webinar-series





Questions?















Give Us Your Feedback







A final thought



http://www.youtube.com/watch?v=ArNAB9GFDog&feature=player_embedded



