

Infant Cognitive Ability Pillars of Excellence Worksheet

COURSE OVERVIEW

Have you ever looked at the infants you care for, and wished you knew what they were thinking? Wished you knew what they needed? Their little faces looking up at you, and eyes filled with tears, surprise or joy. Talking to you the only way they know how with giggles, cries, cooing or open arms reaching.

Science has given us a new perspective into how their brains work and what our youngest population may be thinking. On how infants communicate and how they are learning about this new environment they have entered into.

This course is going present what the research says, and explore the ways in which children learn about you and everything around them.

PRE-KNOWLEDGE QUIZ

1. Newborns' are able to communicate with us from birth. T/F
2. Children do not start learning until they are at least 1 year old. T/F
3. Newborns and Infants actually think differently that adults. T/F
4. Cognition is the process of acquiring knowledge and understanding through experience, the senses and thought. T/F
5. Newborns and Infants first learn through their senses. T/F
6. Newborns 0 to 3 months can detect differences in pitch, volume, and colors. T/F
7. At six months an infant can tell the difference between animate and inanimate objects. T/F

Infant Cognitive Ability
Pillars of Excellence
Worksheet

ANSWERS

1.-T, 2.-F, 3.-T, 4.-T, 5.-T, 6.-T, 7-T

Cognitive Insights

What Babies See in Their First Year:

During infancy, the baby and caretakers communicate through _____
_____,
_____ and _____.

What are the Nine Baby Signals?

_____	_____	_____
_____	_____	_____
_____	_____	_____

Infant Cognitive Ability Pillars of Excellence Worksheet

Babies begin _____, _____, and
_____ their environment from the time they are born.

Cognition is the process of acquiring knowledge and understanding through experience, the senses and thought.

Cognition is the process of acquiring knowledge and understanding through experience, the senses and thought.

Alison Gopnik, Professor of psychology and affiliate professor of philosophy at the University of California

MILESTONES

0 to 3 Months



Infant Cognitive Ability
Pillars of Excellence
Worksheet

3 to 6 Months

A large, empty rounded rectangular box with a thin blue border, intended for notes or observations related to the 3 to 6 months age group.

6 to 9 Months

A large, empty rounded rectangular box with a thin blue border, intended for notes or observations related to the 6 to 9 months age group.

9 to 12 Months

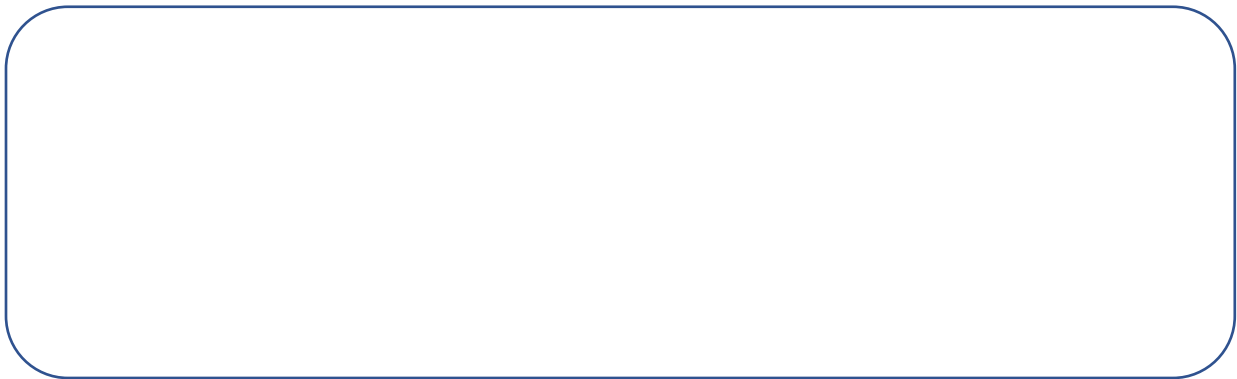
A large, empty rounded rectangular box with a thin blue border, intended for notes or observations related to the 9 to 12 months age group.

Infant Cognitive Ability
Pillars of Excellence
Worksheet

1 to 2 Year



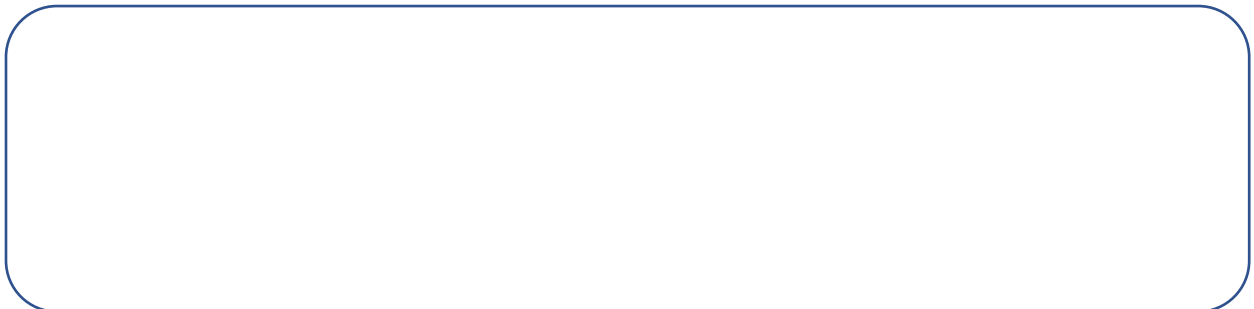
VIDEO GIVE & TAKE



Learning

Infants are like little scientists. But there is little _____ .

What happens if an infant's soft cry is not responded to ?



Infant Cognitive Ability
Pillars of Excellence
Worksheet

When an infant's cries are not responded to it harms their _____

What did you discover in the Still Face Experiment?

What is the danger of when infants are left to cry?

DNA synthesis occurs in conjunction with nerve growth factor. What must caregiver do to promote an infant's growth?

Infant Cognitive Ability
Pillars of Excellence
Worksheet

When a caregiver habitually responds to a baby in distress, children become more _____.

LANGUAGE

So, what are Babies Thinking? What are babies doing every waking moment? Fill in letters in words activity. Information discovering acting filing
analyzing

I ___ fo ___ mat ___ on _

F ___ ll ___ ng

i ___ cove ___ in ___

___ nal ___ zIn ___

___ cti ___ g

What is Bayes Law (Rule)?

An especially useful strategy with your pre-verbal child is _____ their feelings with words.

Children who experienced more conversational turns exhibited greater activation in left _____ _____ regions of their brain.

Infant Cognitive Ability
Pillars of Excellence
Worksheet

What is "Sense of Agency?"

What are your thoughts on Dunstan's Baby language?

Infant Cognitive Ability
Pillars of Excellence
Worksheet

THINKING

Technology tools that infants and toddlers might use must be _____,
_____, and not easily damaged.

A new study published today in *Science*, though, suggests our capacity to reason logically may not actually depend on language, at least not fully. The findings show babies still too young to speak can reason and make rational deductions.

Before infants gain the power of language, images and symbols their thinking involves differentiated thought.

Before infants gain the power or language, images, and symbols their thinking involves _____.

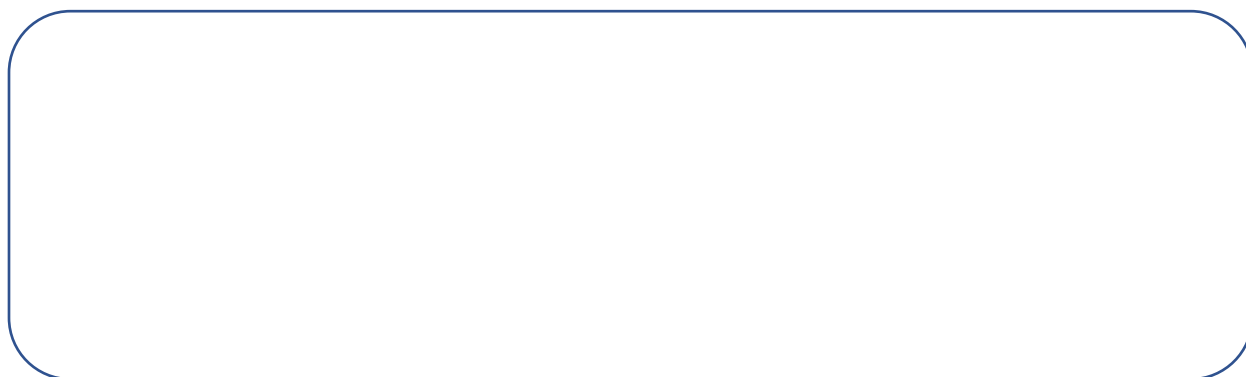
Reflection: Can Babies tell Right from Wrong?

A large, empty rounded rectangular box with a blue border, intended for a student's reflection on the text above.

Infant Cognitive Ability
Pillars of Excellence
Worksheet

SERVE AND RETURN

Video Review: Shapes the Brain



Participating in this serve and return process support the development of _____, communication, and _____.

Inconsistent, unreliable, inappropriate or missing responses to a child's needs can disrupt _____, mental, _____ and cognitive processes.

Mother – infant interactions are associated with differences in _____.

5 Steps Review

1. _____
2. _____
3. _____
4. _____
5. _____

Infant Cognitive Ability
Pillars of Excellence
Worksheet

Sensitive parental care is characterized by _____ and _____
response to the child's signals and needs.

How does this affect the brain development?



FINAL THOUGHTS

