



Galileo® Pre-K Online Curriculum Samples

The Galileo® Pre-K Online Curriculum from ATI, provides an evidence-based, data-driven early childhood curriculum. The curriculum is aligned to most states' Early Learning and Developmental Standards and is designed for children 18 months through five years of age.

It's time to switch and here's why:

- Galileo® is online: easy to update, flexible to implement, and cost effective
- Galileo® uses Item Response Theory: growth is measured on a continuous scale, developmental sequences are empirically validated and current, and teachers know what opportunities to present next
- Galileo® provides teachers with real-time information on children's growth: children grow continuously and educators need current information on their accomplishments in order to maximize potential
- Galileo® makes it easy for teachers to observe children's development and plan learning opportunities: teachers' roles are made easier when all critical tasks originate from an online system

Galileo® Pre-K Online | Electronic Management of Learning
 Providing a complete assessment, curriculum, and reporting system

Aligned to Galileo G3 Scale Capabilities

Expanded Galileo® Pre-K Online Curriculum with Activities for Toddlers

Bean Sprouts

DEVELOPMENTAL AREAS/KNOWLEDGE AREAS/GOALS
 18-24 MONTHS: (3) LANGUAGE, COMMUNICATION, READING AND WRITING
 Communicating And Speaking
 16. Uses question words (e.g., "why" and "what").
 20. Asks questions to obtain information or assistance.
 22. Engages in short conversation with other children and/or adults.
 24. Combines words to create meaningful short sentences.
 2-3 YEARS: (3) APPROACHES TO LEARNING
 Engagement And Curiosity
 7. Looks at, touches, tastes, or other things from nature, examines and watches them move or grow.
 2-3 YEARS: (2) LANGUAGE, COMMUNICATION, READING AND WRITING
 Communicating And Speaking
 13. Asks questions to obtain information or assistance.
DESCRIPTION: Children learn about the life cycle of a plant by observing a bean sprout.
Objectives
 Identify
 Create
 Paper towel
 Rubber band
 Water
Setup:
 Place each item individually on a table where the children can see it.
Steps:
 (1) Talk with the children about how plants grow from seeds. Show them the seeds and explain that they are bean seeds and that you will be growing bean plants.
 (2) Stretch up a paper towel so that it touches the sides of the jar in at least the bottom 1/2 of the jar.
 (3) Moisten the paper towel.
 (4) Place the beans between the paper towel and the glass jar. Then place it in a sunny area of the classroom. You will need to keep the paper towel moist so be sure to check it each day, at one and the children observe your beans. If you'd like you can place a cheese cloth over the top of the jar and hold it in place with a rubber band, otherwise, leave the lid off of the jar. Be sure it is out of the children's reach.
 (5) You will see the beans begin to sprout. Because the beans are between the paper towel and the glass jar they will be able to watch them grow and mature. **The first step was to get the seeds.**

Bean Sprouts, page 2
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Enrichment:
 Read stories about gardening and farms to support children's learning that beans grow into plants that produce food for people to eat.
 Note:

Galileo Toddler Activities
 Galileo toddler activities are designed to offer a variety of activity formats including individual, small group, and large group activities, and include suggestions for scaffolding. There are hundreds of activities to choose from, offering:

- age-appropriate choices for toddlers ages 18 to 36 months adding to the existing curriculum for 3- through 5-year olds.
- continuous delivery of developmentally appropriate learning opportunities.
- assessments linked to reporting, showing which capabilities children are Ready Now to learn. Galileo curriculum features allow users to quickly and easily identify the activities linked to those goals.

Developmental Areas/Knowledge Areas/Goals
 • Provides the Galileo G3 scale goals the activity focuses on


Description
 • Offers a short summary of the activity

Materials
 • Lists the needed supplies

Setup
 • Supports the instructor with step-by-step instructions when preparing to use the activity

Steps
 • Specifies the step-by-step instructions for using the activity in the classroom

Enrichment and Notes
 • Enrichment: Supports learning with enrichment suggestions for scaling the activity for children of various development levels
 • Notes: Provides additional information, such as recipes, song lyrics, or suggested storybooks to accompany the activity, for many of the activities




For more information, schedule an online overview at ati-online.com or contact us.

1000 ready-to-use Galileo Pre-K Curriculum activities.

Switch today!

Contact an ATI Field Services Coordinator at GalileoInfo@ati-online.com or call us at 1.877.358.7611. We look forward to partnering with you and providing your program with the most advanced, innovative, and research-based early childhood curriculum available today.

For more information, schedule an online overview at ati-online.com or contact us.

 **Assessment Technology Incorporated**
 Creating Technology to Promote Learning

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Galileo® Pre-K Online Activities

Galileo® Pre-K Curriculum offers over 1,000 ready-to-use Galileo® G3 Activities for children of ages 18 months to 5 years designed to be implemented in the classroom without the need to purchase proprietary materials.

Sponge throwing

DEVELOPMENTAL AREAS/KNOWLEDGE AREAS/GOALS

2-3 YEARS: G3 APPROACHES TO LEARNING

EAGERNESS AND CURIOSITY

1. Tries new art materials such as play dough, finger painting, musical instruments, or other new toys.

18-24 MONTHS: G3 APPROACHES TO LEARNING

CREATIVITY AND INVENTIVENESS

23. Participates in sand and water activities.

18-24 MONTHS: G3 SOCIAL AND EMOTIONAL DEVELOPMENT

SELF-CONCEPT: SENSE OF COMPETENCE AND CONFIDENCE

56. Initiates simple games and chooses things to explore.

18-24 MONTHS: G3 PHYSICAL DEVELOPMENT AND HEALTH

GROSS MOTOR DEVELOPMENT: DEMONSTRATES HEALTHY PHYSICAL DEVELOPMENT

1. Shows independence as she/he moves around in a safe environment.

3. Approaches or stands next to other children and adults in play situations.

HEALTH: DEMONSTRATES AUDITORY SKILLS THAT SUPPORT HEALTHY DEVELOPMENT

40. Looks at the adult giving directions and then follows the directions.

2-3 YEARS: G3 SOCIAL AND EMOTIONAL DEVELOPMENT

SELF-CONCEPT: MUTUAL RELATIONSHIPS

38. Enjoys an activity of interest (e.g., art) with a friend.

SELF-CONCEPT: SENSE OF COMPETENCE AND CONFIDENCE

49. Demonstrates growing competence and confidence during activities (e.g., climbs higher and higher on a playground structure).

MATERIAL:

Bucket of water

Sponges

SETUP:

Fill the bucket with water

Take the sponges outside dry

STEPS:

- 1) On a warm day take the children outside to an open area along the side of the building or the sidewalk or cement outside
 - 2) Give each child a dry sponge and show them how to place it in the water and see it expand with water
 - 3) Once the sponges are wet instruct the children to throw the sponges at the wall or cement area outside to watch the sponges make artful pattern on the wall
 - 4) Talk with the children about how the sponges fill with water and the water comes out when they hit the wall. Show them how to squeeze water out of the sponge
- ENRICHMENT:
-Cut sponges in different shapes and let the children "sponge paint" with water on the cement using their different shaped sponges.

Cover Your Sneeze Please

Developmental Areas

3-5 years: G3 Physical Development & Health

3-5 years: G3 Creative Arts

Knowledge Areas

PRACTICING HYGIENE

DEVELOPING FINE MOTOR DEXTERITY AND CONTROL CREATING VISUAL ART

Goals

3-5 years: G3 Physical Development & Health

PRACTICING HYGIENE

10. Disposes of tissues appropriately in a container.

11. Covers mouth appropriately when coughing or sneezing.

13. Uses tissues properly to blow/wipe nose, without assistance. DEVELOPING FINE

MOTOR DEXTERITY AND CONTROL

67. Correctly holds a pencil or crayon.

70. Uses scissors to cut out a pre-formed simple shape.

3-5 years: G3 Creative Arts

CREATING VISUAL ART

18. Draws representations of human and animal figures.

21. Participates in various art activities (e.g., paint, sculpture, collage, masks).

23. Draws some details in representations of animals, people, or objects.

MATERIALS:

Paper plates or construction paper circles for each child

Googly-eyes for each child (optional)

Flesh-colored construction paper (various shades) Yarn

Scissors Glue Pencils Markers

Box of tissue

Stapler

SETUP:

- 1) If you are not using paper plates, cut a circle shape to represent the head of each child.
- 2) To make things easier for children, you can pre-cut groups of yarn into lengths for hair.

STEPS:

- 1) Children decorate their paper plates to look like themselves. Use yarn for hair, googly eyes, markers to add a nose and mouth, even freckles.
- 2) With assistance, children trace the outline of their hands onto flesh-colored construction paper. Some children may be able to cut the hand out themselves, while others will need assistance with this more difficult cutting task.
- 3) Ask children to tell you what they should do if they have a runny nose or need to sneeze. When they give you the right answer, ask them to place a real tissue over the drawing of the mouth. Then they place their paper hands over the tissue.

An adult can staple the hand to the paper plate face showing how people can "Catch their sneezes!"

4) This is a good time to demonstrate the correct way to sneeze or cough into your elbow. Remind children to immediately throw used tissue into the trash.

ENRICHMENT:

-A good story to share prior to this activity is "Ah-choo" by Mercer Mayer.

NOTES:

-This activity should follow some reading of books and/or discussions about spreading germs through runny noses, coughing and sneezing. Through art, it reinforces the appropriateness of using a tissue. It can be done as a whole-group (as long as you have an extra adult to trace hands), or in small groups of 4-6 children at the art class area. It takes about 15-20 minutes.

Featuring

- Age appropriateness
- Detailed knowledge areas
- Easy-to-read goals
- Material lists
- Setup requirements

Galileo® Pre-K Online Curriculum Samples

Galileo® G3 Lesson Plans

Galileo® G3 Lesson Plans includes 32 weeks of lessons to be used in conjunction with the classroom curriculum. Galileo® G3 scales form the foundation for multi-method observational assessment tools used to track child progress towards standards mastery. These assessment tools support the implementation of curriculum by providing information to guide the planning of differentiated, developmentally appropriate learning opportunities.

G3 Lesson Plan sample with activity schedule and teacher notes

Galileo® Pre-K Online Curriculum: G3 Lesson Plans

G Week 20: Let's Count
Theme: Let's Count
Library: Galileo G3 Lesson Plans

Goals:

G3 Logic and Reasoning

1. Decides on a scene to act out.
2. Mimics a movie, book, or past experience.
4. Assigns parts to self and peers to act out scene.
12. Acknowledges a difference between pretend game and the reality of the class.
13. Identifies parts of a story that could be real or make-believe (e.g., blue people, pigs).

G3 Literacy

2. Distinguishes between some beginning consonant sounds in spoken language.
4. Recognizes rhymes in poems, readings, or conversation, most of the time.
7. Distinguishes between some vowel sounds in spoken language.
26. Asks adults to read printed information such as signs, labels, advertisements.
36. Draws figures and shapes to convey meanings.
37. Draws horizontal and vertical lines.
39. Uses a variety of writing tools and materials to communicate with others.
43. Writes her/his name, without assistance.
48. Names 10 or more letters.
50. Identifies 10 or more sounds to corresponding letters.

G3 Social and Emotional Development

8. Talks positively about a recent accomplishment.

G3 Approaches to Learning

19. Says, signs, or gestures whether or not a simple task has been completed.

G3 Creative Arts

21. Participates in various art activities (e.g., paint, sculpture, collage, masks).
26. Recombines and experiments with art materials to see what happens.

G3 Nature and Science

42. Confirms observations with another child/adult.
43. Repeats a procedure/action several times to confirm outcomes/patterns.

G3 Early Math

4. Counts to find how many are in a group up to 10.
5. Counts to find out how many are in a group greater than 10.
8. Writes numerals to indicate between 7 and 10 objects.

G3 Language

1. Listens attentively to a conversation, story, poem, or song.
5. Retells a familiar story, poem or song in his/her own words.

Galileo® Pre-K Online Curriculum: G3 Lesson Plans

Activity Schedule:

	Monday	Tuesday	Wednesday	Thursday	Friday
Arts					
Number Collages	X	X	X		
Playdough				X	X
Block and Building					
Building Buddies		X	X	X	X
House & Dramatic Play					
Dramatic Play: Puppets		X	X	X	X
Indoor Group					
Erase a Letter, Write a Letter		X			
Same Sound?				X	
Why Read? Bulletin Board	X				X
Math Area					
Simple Dominoes	X	X	X	X	X
Music & Movement					
Poem: Numbers 1-9	X		X	X	
Song: Ten in Bed		X			X
Outdoors					
Action Math	X				
Science					
Stuff and Count Containers		X	X	X	X
Snack Area					
Snack: Math Mix and Munch					X
Story Area					
Story: Let's Count Theme			X		X
Story: Ten Black Dots	X				
Story: Ten, Nine, Eight				X	
Story: There Were Ten in the Bed		X			
Writing Area					
Laminated Name Papers	X	X	X	X	X
Writing Center: I Can!		X	X	X	

Galileo® Pre-K Online Curriculum: G3 Lesson Plans

Notes:

Changes to the Environment:

- Add any number of math puzzles to the Table Toys class area.
- Set out puppets in the dramatic play area.

Special Event:

- In a parent newsletter or special note, invite parents to assist their children in finding examples of things that illustrate the purposes of learning to read. These can be examples of things we need to be able to read in order to survive, something the child has already learned to read, or a combination. They can be pictures from a magazine, real-life items, drawings, etc. Explain to parents that the examples will be discussed in class and become part of a bulletin board titled, "WHY READ?" (See activity titled, "Why Read Bulletin Board" for explanation.)

Featuring

- Detailed weekly plans
- Easy-to-read goals
- Weekly activity schedule
- Teacher notes

For more information, schedule an online overview at ati-online.com or contact us.

Galileo® Times for Learning

Galileo® Times for Learning activities are designed for families to share with their children in the comfort of their home. Each activity is provided in both English and Spanish for ease of review and printing. Activities can be accessed from the online Galileo® Parent Center or in printed format from the classroom teacher.

Galileo® Parent Center

The screenshot shows the Galileo Parent Center website. At the top, there is a navigation bar with 'Welcome | Activities | Lesson Plans | Reports' and a 'Log Out' link. Below this is a header with the ATI logo and 'GALILEO PARENT CENTER'. The main content area is titled 'Welcome to the Galileo Parent Center' and contains a form for user information: Child Name (Bell, Tinker), Class (Butterflies Full Day Pre-K), Teacher's Name (Sandra Sayso), Teacher's Phone Number (213-222-3333), and Teacher's Email Address (SSayso@myschool.org). Below the form are six icons representing different features: At-Home Activities, Computer-Based Activities, Lesson Plans, Individual Development Profile, Individual Learning Plan, and Individual Observation Record.

At-home Activity Sample

The sample activity page is titled 'SAFETY FIRST' and is for 3-5 year olds. It covers developmental areas (G3 Physical Development & Health) and knowledge areas (Understanding of Health and Safety Practices). The goal is for the child to follow outdoor and indoor play rules. The materials list is 'None'. The activity description in English describes a walk around the neighborhood to discuss safety rules like crossing streets and using crosswalks. Below this is the Spanish version of the activity, titled 'La Seguridad Ante Todo', which describes a walk with a child to talk about safety rules like stopping at crosswalks and waiting for the light to turn green. The materials list is 'Ninguno'.

Featuring

- Age appropriateness
- Defined knowledge areas
- Easy-to-read directions
- Material lists
- Parent notes

Full Set of Curriculum Materials

Galileo® G3 Lesson Plans
Galileo® G3 Activity Library
Storyteller Lesson Plans
Storyteller Activity Library
Galileo® Pre-K Online Curriculum Guidebook including:
Galileo® G3 Storybook List
Galileo® G3 Activity Materials Checklist

Additional Professional Development Materials

Fundamentals of Galileo®: Curriculum Manual
Fundamentals of Galileo®: Developmental Assessment Manual
Fundamentals of Galileo®: Reports Manual

The Galileo® Pre-K Online full set of curriculum is available online or in print format. Printed materials are available for purchase via full set or individually.