

# Dino Land

## LEARNING GAMES & ASSESSMENT GUIDE




# Learning Game Calendar

INFANTS • TODDLERS • PRESCHOOL • SCHOOL-AGE

<p>LESSON 1 <b>Counting Links</b> MR 1 Number Sense</p> 	<p>LESSON 2 <b>Searching for Bones</b> MR 4 Measurement</p> 	<p>LESSON 3 <b>Fossil Imprints</b> SCI 1 Investigation &amp; Inquiry</p> 
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## SKILLS BY DOMAIN

- SOCIAL & EMOTIONAL**
- SED 1 Self-Awareness
  - SED 2 Self-Regulation
  - ★ SED 3 Attention & Persistence
  - ★ SED 4 Social Relationships

- PHYSICAL & MOTOR**
- PD 1 Gross Motor
  - ★ PD 2 Fine Motor
  - PD 3 Safety
  - PD 4 Personal Care
  - PD 5 Nutrition

- LANGUAGE & LITERACY**
- LLD 1 Listening
  - ★ LLD 2 Communication
  - LLD 3 Phonological Awareness
  - LLD 4 Alphabetic Knowledge
  - LLD 5 Concepts of Print
  - ★ LLD 6 Reading Comprehension
  - LLD 7 Writing

- MATH & REASONING**
- ★ MR 1 Number Sense
  - MR 2 Spatial Awareness
  - MR 3 Shapes
  - ★ MR 4 Measurement
  - MR 5 Patterns
  - MR 6 Classification
  - MR 7 Logic & Reasoning

- SCIENCE**
- ★ SCI 1 Investigation & Inquiry
  - ★ SCI 2 Natural & Earth Science
  - SCI 3 Physical Science
  - ★ SCI 4 Technology

- SOCIAL STUDIES**
- SS 1 Culture & Community
  - SS 2 Civics & Economics
  - SS 3 Geography
  - ★ SS 4 History & Sense of Time

- CREATIVE ARTS**
- CA 1 Music
  - ★ CA 2 Dance & Movement
  - CA 3 Visual Arts
  - CA 4 Drama



# Counting Links

Let's find matching links and count them.



## MR 1 Number Sense

Understands concepts of number and quantity



### SUPPLIES

- Manipulatives
- Counting Cards
- Counting Links Mats
- Tweezers
- Sand Tray
- Paper & pencil

### Where is your child along the learning path?

#### INFANTS

Put links in and out of a container. Prompt the child to pull out "one more." Count the links on the floor as you play then encourage the child to put one in the container.



#### TODDLERS

Count links aloud and identify shapes/colors as children place them on the Counting Links Mats.



#### PRESCHOOL / PRE-K

Bury links in a sand tray. Find and pull them out with tweezers. Line them up on the Counting Cards. Make piles of 10 links.



#### YOUNG SCHOOL-AGE

Encourage children to find ten links. Then how many different number combinations add up to 10? Make two chain links that together add up to 10. For example: 3 + 7. Write down the number equation then try to make two different link chains that equal 10, e.g., 4 + 6, 5 + 5, 2 + 8.



Scan each code to see videos illustrating the level of development.

# Searching for Bones

Let's sort links, make chains and use them to measure.



## MR 4 Measurement

Estimates, measures and compares size, weight, length or volume.



### SUPPLIES

- Manipulatives
- Masking tape
- Blanket

### Where is your child along the learning path?

#### INFANTS

Make two link chains, one the length of the child's leg and the other the length of his foot. Play with the chains and talk about short and long.



#### TODDLERS

Create a large masking tape oval on the floor. Ask each child to bring a toy or object to the masking tape oval on the floor. Then compare the length of different objects to a chain with five links. Which is longer - the link chain or the object?



#### PRESCHOOL / PRE-K

Create an "excavation site" on a table with masking tape then spread out a different number of links for each color link. Children link them together by color. Compare chains to determine which chain is longest.



#### YOUNG SCHOOL-AGE

Create an "excavation site" by setting out various links then covering them with a small blanket. Invite each child to declare one color they will hunt for. Encourage them to reach under the blanket without looking and pulls out a link. Is it their "declared" color? If it is not, put the link back under the blanket. The first child to build a three-link chain wins.



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# Fossil Imprints

Let's explore textures of nature items and playdough.



## SCI 1 Investigation & Inquiry

Observes, inquires and investigates objects and events to gain understanding.



### SUPPLIES

- Flour
- Salt
- Water
- Nature items, e.g., rocks, sticks, leaves, shells
- Clear zip bags
- Masking tape

### Where is your child along the learning path?

#### INFANTS

Fill three clear zip bags with different nature items and secure them on the floor with masking tape. Explore the bag textures during tummy time.



#### TODDLERS

Press nature items into dough. After a few impressions are created, encourage children to match the objects to the impressions.



#### PRESCHOOL / PRE-K

Mix up some dough, roll it out then make impressions with the nature items. If desired, bake the dough to harden the "fossils."



#### YOUNG SCHOOL-AGE

Mix up some dough and set out nature items to create fossil imprints. Imagine making a dinosaur fossil and use the various objects to make impressions of a dinosaur skeleton.



Scan each code to see videos illustrating the level of development.

# Finding Bones

Let's play a counting game with dinosaur "bones."



## MR 1 Number Sense

Understands concepts of number and quantity.



### SUPPLIES

- Dino Game Board & Pieces
- Die
- Scissors
- Masking tape

### Where is your child along the learning path?

#### INFANTS

Cut out and tape the bones to the wall. Encourage the child to take off a bone and put it in a bowl. Count the bones still on the wall as the child plays.



#### TODDLERS

Place all the dinosaur bone cards on a masking tape path. Invite everyone to sit in a circle then name one child and a number. That child walks on the path, collecting only that number of bones and bringing them back to you.



#### PRESCHOOL / PRE-K

Roll the die and move that many spaces on the Game Board. Collect "dinosaur bones," according to directions on each space. At the end of the game, each child counts the total number of bones collected.



#### YOUNG SCHOOL-AGE

Before rolling the die, invite the child to predict which number she might roll. If correct, she doubles the number of bones to collect when landing on a "collect bone" spot.





# Dinosaur Designs

Let's use links to recreate a design shape.



## SED 3 Attention & Persistence

Maintains attention on people, things and projects. Persists in understanding and mastering activities, even if challenging.



### SUPPLIES

- Manipulatives
- Shape Design Cards
- Sock or shoe
- Plates
- Scissors

### Where is your child along the learning path?

#### INFANTS

Put links in a sock or shoe. Encourage the child to keep trying as they figure out how to remove the link from inside the sock.



#### TODDLERS

Cut apart the Shape Design Cards and place three shape links under separate plates on the floor. Give each child one link and have them peek under each plate to find the matching link.



#### PRESCHOOL / PRE-K

Match links to designs on a mat then try to recreate the same design next to the card.



#### YOUNG SCHOOL-AGE

Give each child the same number of links and encourage them to make a unique design with their links. Compare and contrast everyone's designs.



Scan each code to see videos illustrating the level of development.

# Tools to Reach

Let's explore common kitchen utensils.



## SCI 4 Technology

Explores technology and how things work.



### SUPPLIES

- Leaves
- Green paper
- Tape
- Tweezer or tongs
- Spoons
- Measuring cups
- Marker

### Where is your child along the learning path?

#### INFANTS

Show one safe kitchen tool to the baby and encourage her to touch and explore it.



#### TODDLERS

Set out a bowl of leaves. Investigate different kitchen tools (e.g., tongs, spoons, measuring cups) and use them to move leaves.



#### PRESCHOOL / PRE-K

Experiment with different tools to reach up while pretending to be plant-eating dinosaurs.



#### YOUNG SCHOOL-AGE

Number the leaves and recite simple math problems. Invite children to take turns choosing either tongs or tweezers to pick up the leaf with the correct answer.



# Stegosaurus

Let's create a dinosaur puppet then explain the process.



## SS 4 History & Sense of Time

Develops sense of time.



### SUPPLIES

- Paper plates
- Eyes
- Background paper
- Crayons/markers
- Scissors
- Glue

### Where is your child along the learning path?

#### INFANTS

Make a paper plate Stegosaurus puppet and play peekaboo with it. Say hello and goodbye to the puppet.



#### TODDLERS

Cut the plate in half and invite children to decorate it with fingerprint. Then set out paper triangles for the child to stick onto the wet paint as desired. Put an eye sticker on the Stegosaurus when it is dry.



#### PRESCHOOL / PRE-K

Use a paper plate and wiggly eyes to create a Stegosaurus. Ask the child to explain the sequence of steps in creating it.



#### YOUNG SCHOOL-AGE

Use a paper plate and wiggly eyes to create a Stegosaurus. Then invite children to explain the sequence of steps in creating them. Talk about why dinosaurs no longer exist.



Scan each code to see videos illustrating the level of development.

# Jurassic Jam

Let's use Story Pieces to recall elements of a story.



## LLD 6 Reading Comprehension

Understands concepts of text. Recalls and extends details.



### SUPPLIES

- Book: Jurassic Jam
- Song: Jurassic Jam
- Scissors

### Where is your child along the learning path?

#### INFANTS

Play with the Story Pieces like puppets and use them to talk with the child.



#### TODDLERS

Listen to the book as it is read aloud. Ask, "Where is [name of character]?" and observe if the child points at the picture on the page. Show the same Story Piece.



#### PRESCHOOL / PRE-K

Listen to a book being read aloud and mimic the actions and sounds of the characters. Ask questions about the book and invite children to use the Story Pieces to answer.



#### YOUNG SCHOOL-AGE

Listen to the book as it is read aloud then invite children to use the Story Pieces to retell the story.



# Dino Math

Let's use manipulatives to solve math problems.



## MR 1 Number Sense

Understands concepts of number and quantity



### SUPPLIES

Math Story Cards  
Manipulatives  
Scissors

### Where is your child along the learning path?

#### INFANTS

Tape two dinosaur Story Pieces to the wall and point at them. As the child plays, talk about how many dinosaurs are on the wall and how many are in the child's hand.



#### TODDLERS

Give each child three links. Make up simple stories and encourage them to put down and pick up their links along with the story. For example: "A dinosaur had a birthday and we gave him two links. How many links are in your hand now?"



#### PRESCHOOL / PRE-K

Read each Math Story Card and solve the problems using chain links.



#### YOUNG SCHOOL-AGE

Warm up with the Math Story Cards then invite each child to make up a new Math Story Problem for the others to solve with the links.



Scan each code to see videos illustrating the level of development.

# Pterodactyl Flight

Let's pretend to be pterodactyls as we dance expressively.



## CA 2 Dance & Movement

Participates in dramatic and symbolic play. Uses props to represent other objects or ideas.



### SUPPLIES

Song: Pterodactyl Flight  
Scarves  
Blanket

### Where is your child along the learning path?

#### INFANTS

Give the child a scarf to hold while you play the music. Hold your own scarf and wave it to the music. Observe if the child mimics you.



#### TODDLERS

Play follow the leader and move like pterodactyls around the blanket.



#### PRESCHOOL / PRE-K

Listen to the song and pretend to be pterodactyls soaring through the air. Give directional prompts, e.g., "Fly around the blanket" or "Fly across the blanket."



#### YOUNG SCHOOL-AGE

Listen to the song and pretend to be pterodactyls soaring through the air. Invite one child to be the dance leader and the other children to follow.





# Egg Inside?

Let's use manipulatives to measure distance and length.



## MR 4 Measurement

Estimates, measures and compares size, weight, length or volume.



### SUPPLIES

- Toy eggs
- Manipulatives
- Ball (optional)

### Where is your child along the learning path?

#### INFANTS

Roll toy eggs or a ball away from the child. Talk about how far it is and crawl after it. Roll other eggs near and far.



#### TODDLERS

Roll two eggs and identify which one went farther. Continue to experiment with egg rolling.



#### PRESCHOOL / PRE-K

Fill toy eggs with varying numbers of links. Invite children to open their eggs, count the links then connect them. Compare lengths of chains.



#### YOUNG SCHOOL-AGE

Fill toy eggs with varying numbers of links. Invite children to take an egg, open it and build a chain. Repeat until all the eggs are opened and each child has connected his links. In pairs, compare lengths of chains. The child with the longer chain gets the other child's links.



Scan each code to see videos illustrating the level of development.

# Standing Tall

Let's use simple building materials to create a tower.



## SCI 1 Investigation & Inquiry

Observes, inquires and investigates objects and events to gain understanding.



### SUPPLIES

- Cardboard tubes
- Paper
- Tape
- Boxes
- Small balls

### Where is your child along the learning path?

#### INFANTS

Stack a few blocks and put a ball on top. Explore knocking the ball and blocks over and building up again.



#### TODDLERS

Set up cardboard tubes and balance a small ball on top.



#### PRESCHOOL / PRE-K

Construct a tower with cardboard tubes (or use rolled paper) and boxes then balance a small ball on the top.



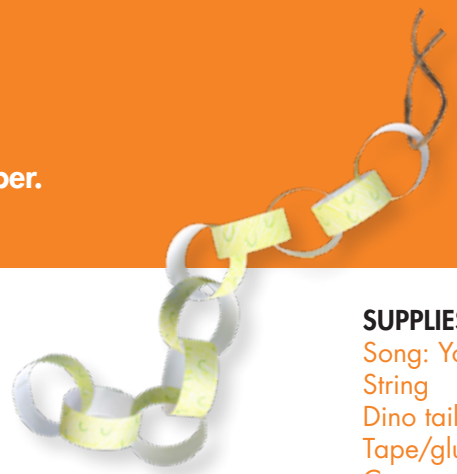
#### YOUNG SCHOOL-AGE

Roll paper to make tubes and use them to create the tallest tower possible. Balance a small ball on the top.



# Dino Tail

Let's explore making dino tails from paper.



## PD 2 Fine Motor

Builds strength and coordination of small movements in hands to pick up, squeeze, twist, cut and manipulate tools and toys.

- SUPPLIES**  
 Song: Your choice  
 String  
 Dino tails  
 Tape/glue  
 Crayons/markers  
 Scissors

### Where is your child along the learning path?

#### INFANTS

Tape strips of paper to the legs or tummy of the child. As the music plays, explore removing the paper pieces taped to the leg or tummy.



#### TODDLERS

Help pick up paper strips and add tape to make a paper chain. Then wear it like a dino tail and shake the tail to the music.



#### PRESCHOOL / PRE-K

Create "dino tails" made of paper chain links. Then dance to the music with tails.



#### YOUNG SCHOOL-AGE

Cut paper and make a paper chain tail. Dance to the music and explore different ways to make the tail move.



Scan each code to see videos illustrating the level of development.

# Dino War

Let's practice social skills and taking turns.



- SUPPLIES**  
 Dino War Cards  
 Bowl  
 Hole punch  
 Ribbon  
 Tape

## SED 4 Social Relationships

Develops close bonds/relationships with adults and builds peer friendships. Identifies and respects differences in others' abilities, characteristics, feelings and interests. Participates in group activities, take turns, shares and negotiates with others.

### Where is your child along the learning path?

#### INFANTS

Explore playing together with the Dino Cards. Punch a large hole in two cards and thread a piece of ribbon through them. Tape the ribbon to the wall and observe how the children move one dino along the ribbon to meet its friend.



#### TODDLERS

Tape the Dino War Cards on the wall. Call one child's name at a time and invite each one to pull off a card and put it in the bowl.



#### PRESCHOOL / PRE-K

Play in pairs and select a card then decide who has drawn the bigger number. The child with the larger number keeps both cards.



#### YOUNG SCHOOL-AGE

Play in pairs and select a card then decide who has drawn the bigger number. The person with the larger number keeps both cards. Continue to play until one child has no more cards.



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# Dino Twister

Let's use Color Cards to practice directional prompts.



## LLD 2 Communication

Uses verbal and nonverbal communication to express ideas with increasingly complex words and sentences. Engages in back and forth communication.



### SUPPLIES

- Spinner & Card
- Color Cards
- Tape
- Box
- Blanket

### Where is your child along the learning path?

#### INFANTS

Tape a Color Card on the outside and inside of a box. Invite the child to investigate and explore the box.



#### TODDLERS

Invite everyone to sit together on a blanket. Take turns spinning the spinner then running to touch something that color in the room. Run back to the blanket to wait for another turn.



#### PRESCHOOL / PRE-K

Place the Color Cards spread out on the floor. Give the first half of a prompt, e.g., "Jump over" then invite the child to spin a color to complete the command. Make silly commands such as "Put your hand in the air and your knee on the color."



#### YOUNG SCHOOL-AGE

Place the color cards on the floor and then take turns spinning twice and giving the other children challenges. For example: Jump over something red and then touch the blue card from wherever you land.



Scan each code to see videos illustrating the level of development.

# Exploding Volcano

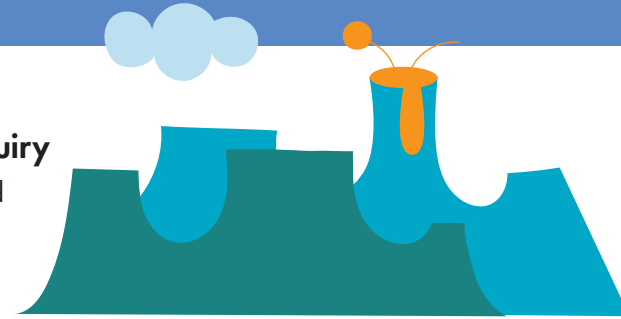
Let's experiment with cause-and-effect.



## SCI 1

### Investigation & Inquiry

Observes, inquires and investigates objects and events to gain understanding.



### SUPPLIES

- Bowl of water
- Sponge
- Baking soda
- Vinegar
- Juice
- Eyedropper

### Where is your child along the learning path?

#### INFANTS

Set out a small bowl of water and a sponge. Investigate squeezing the sponge and what happens.



#### TODDLERS

Use an eyedropper to squeeze vinegar into baking soda and watch the reactions.



#### PRESCHOOL / PRE-K

Use an eyedropper to squeeze vinegar into baking soda and watch the reactions.



#### YOUNG SCHOOL-AGE

Set out three liquids. For example: Vinegar, Water and Juice. Test which liquids makes a reaction in the baking soda.





# Floating Continents

Let's create paper continents and float them on water.



## SCI 1 Investigation & Inquiry

Observes, inquires and investigates objects and events to gain understanding.



### SUPPLIES

- Paper plates
- Markers/crayons
- Scissors
- Bins of water
- Playdough
- Globe/world map

### Where is your child along the learning path?

#### INFANTS

Cut apart a paper plate and put it in a bin of water. Explore the plates and water.



#### TODDLERS

Cut a plate into 2-3 pieces then challenge children to reassemble the pieces into a whole. Talk about continents and decorate the puzzle pieces with playdough mountains and rivers.



#### PRESCHOOL / PRE-K

Decorate a paper plate then cut it into seven separate pieces. Float the "continents" on water.



#### YOUNG SCHOOL-AGE

Look at a globe or world map and try drawing the shapes of the continents on the paper plate. Cut it apart and float the separate pieces in water.



Scan each code to see videos illustrating the level of development.

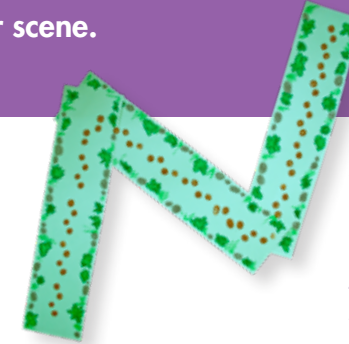
# Dino Path

Let's create an interactive dinosaur scene.



## LLD 2 Communication

Uses verbal and nonverbal communication to express ideas with increasingly complex words and sentences. Engages in back and forth communication.



### SUPPLIES

- Paper strips
- Dino Stamper
- Toy dinosaur
- Water bottle
- Sand
- Dino figurines
- Paint
- Construction paper
- Markers/crayons
- Scissors
- Tape

### Where is your child along the learning path?

#### INFANTS

Put sand and dinosaur figurines in a bottle with water. Seal the top and invite the child to explore the sensory bottle. Talk about what you see as the child plays.



#### TODDLERS

Cut a strip of green paper and invite the child to use the dinosaur stamper to put dinosaurs on the scene. Talk about the dinosaurs they are stamping.



#### PRESCHOOL / PRE-K

Create a paper path then stamp it with toy dinosaur footprints. Invite children to describe their dino trails.



#### YOUNG SCHOOL-AGE

Set out construction paper and use it to make a dinosaur scene. Then use a toy dinosaur to stamp footprints on the scene.



# Disappearing Dinosaurs

Let's explore how simple household tools work.



## SCI 4 Technology

Explores technology and how things work.



### SUPPLIES

- Container w/lid
- Small toy
- Chalk
- Water
- Spray bottles
- Sponges

### Where is your child along the learning path?

#### INFANTS

Explore a container with a lid. Explore putting the lid on and taking it off. Hide a toy inside the container.



#### TODDLERS

Draw a dino on the sidewalk then explore spray bottles and sponges to wash them away.



#### PRESCHOOL / PRE-K

Draw dinosaurs with chalk then use a spray bottle to make them become "extinct."



#### YOUNG SCHOOL-AGE

One child draws a dinosaur and the other sprays it away with a spray bottle. Set out different spray bottles and sponges to experiment with which tool works the best.



Scan each code to see videos illustrating the level of development.

# Tic-Tac-Toe

Let's practice cooperation with a card game.



## SED 4 Social Relationships

Develops close bonds/relationships with adults and builds peer friendships. Identifies and respects differences in others' abilities, characteristics, feelings and interests. Participates in group activities, take turns, shares and negotiates with others.



### SUPPLIES

- Game Board & Pieces
- Scissors
- Tape
- Blocks
- Containers

### Where is your child along the learning path?

#### INFANTS

Tape the Dino Cards on blocks and take turns putting them in and taking them out of containers.



#### TODDLERS

Put the Dino Cards on the Tic-Tac-Toe Board then tape it securely to a wall. Show one dinosaur card and ask children to find the same dinosaur and remove it from the board. Name a dinosaur and observe if a child can remove the one named.



#### PRESCHOOL / PRE-K

Cut out dinosaur game pieces then use them in a game of tic-tac-toe.



#### YOUNG SCHOOL-AGE

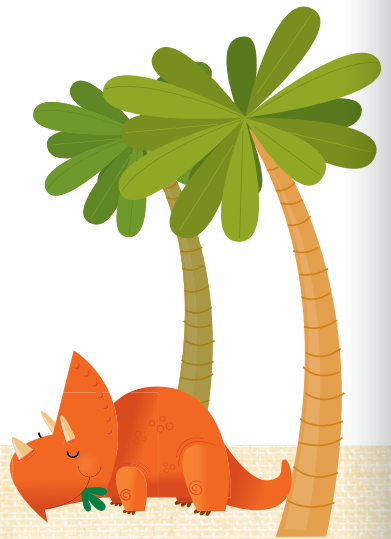
Play tic-tac-toe and practice good sportsmanship by congratulating each other after a game.





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The logo for Experience Early Learning, featuring three overlapping circles in blue, yellow, and red above the word "experience" in a bold, lowercase, sans-serif font. Below "experience" are the words "EARLY LEARNING" in a smaller, uppercase, sans-serif font.  
**experience**  
EARLY LEARNING



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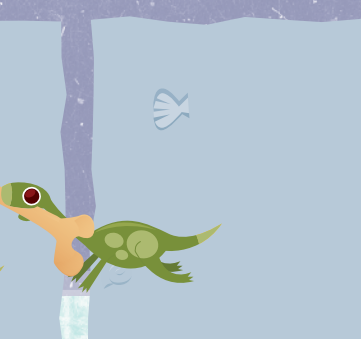
Lose 1 Bone



Find 1 Bone



Lose 2 Bones



Find 1 Bone

# Dino LAND



**FINISH**  
How Many Bones Do You Have?



Find 1 Bone



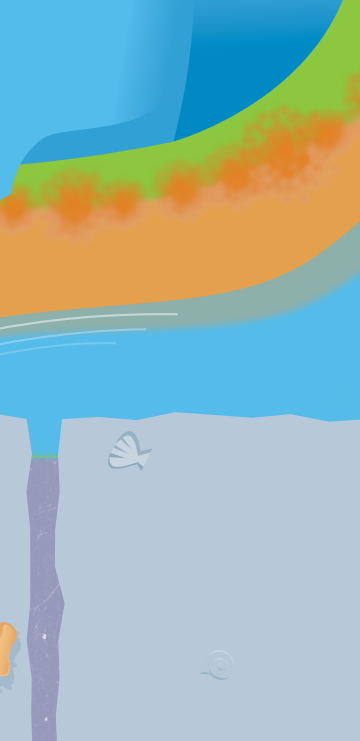
**START**



Find 1 Bone



Find 2 Bones

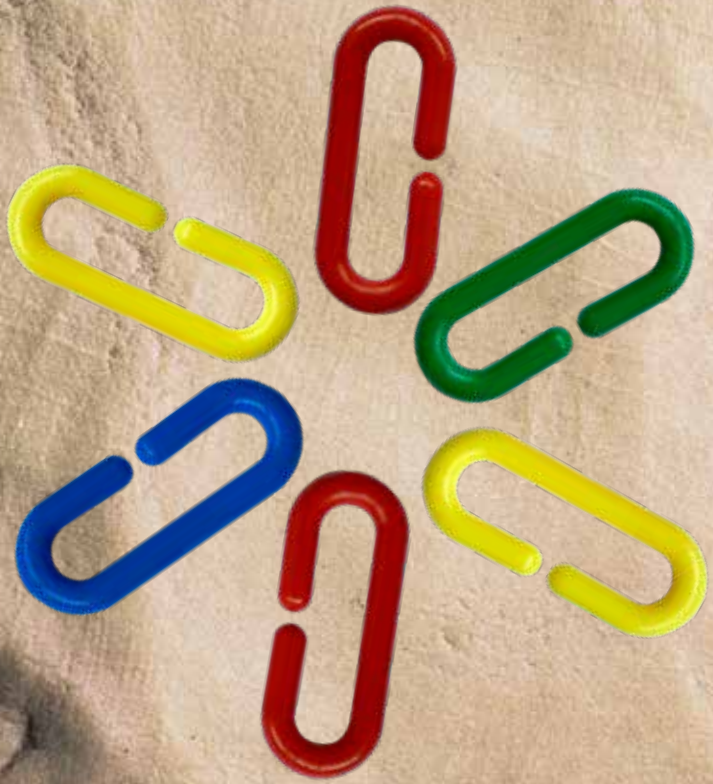


Catch a Free Ride















1

There were  
3 dinosaurs eating  
leafy plants.



2

There were 2 dinosaurs  
flying in the sky  
then there were 4 more.  
How many were  
there altogether?



Challenge

3

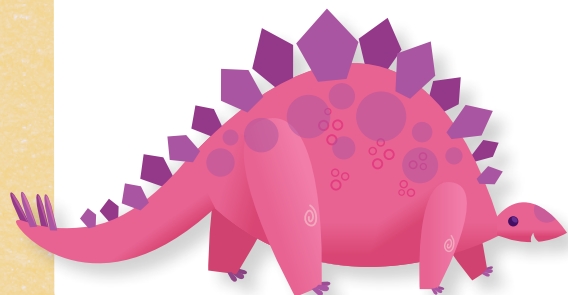
There were  
7 dinosaurs in a herd.  
4 dinosaurs left the herd.  
How many were left?



Challenge

4

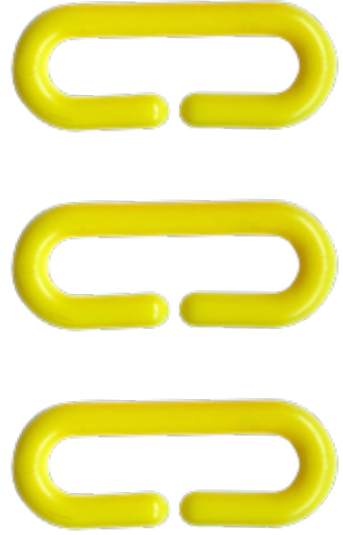
4 dinosaurs went  
to a birthday party.  
Each dinosaur  
brought one friend.  
How many dinosaurs  
were at the party?



2

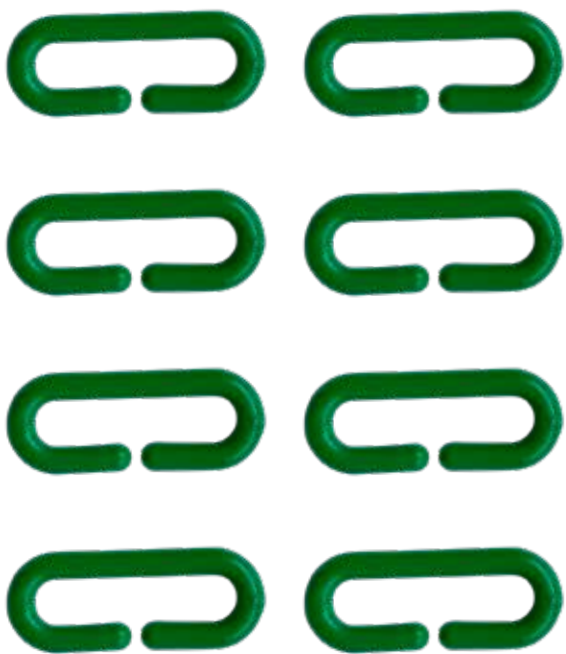


1



Challenge

4

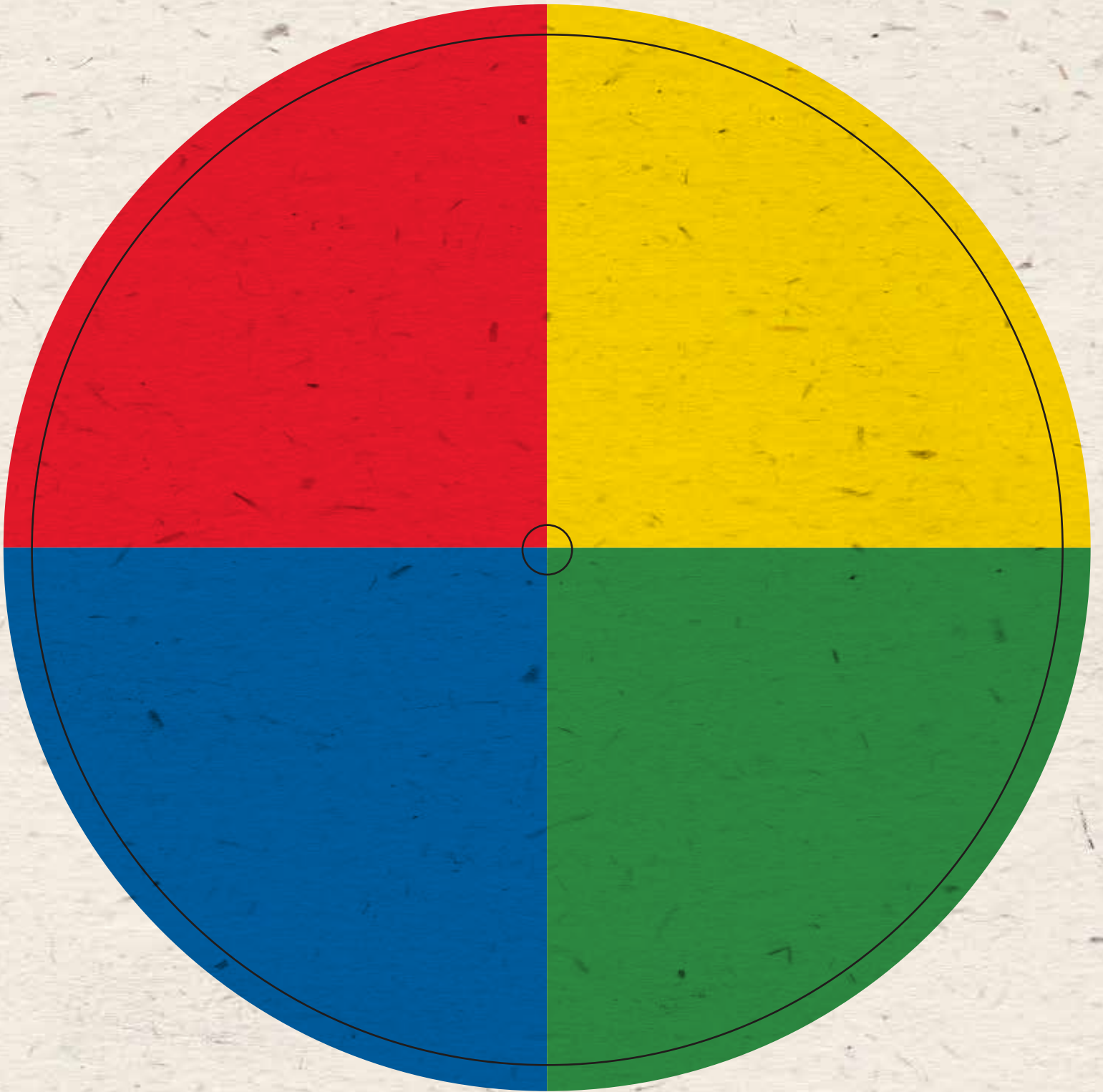


Challenge

3

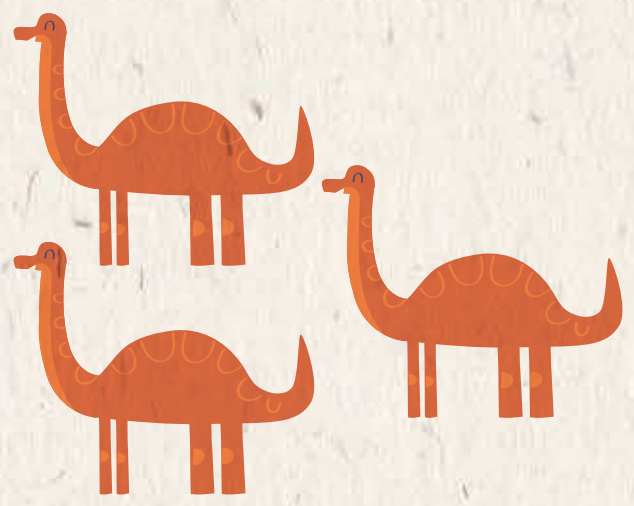
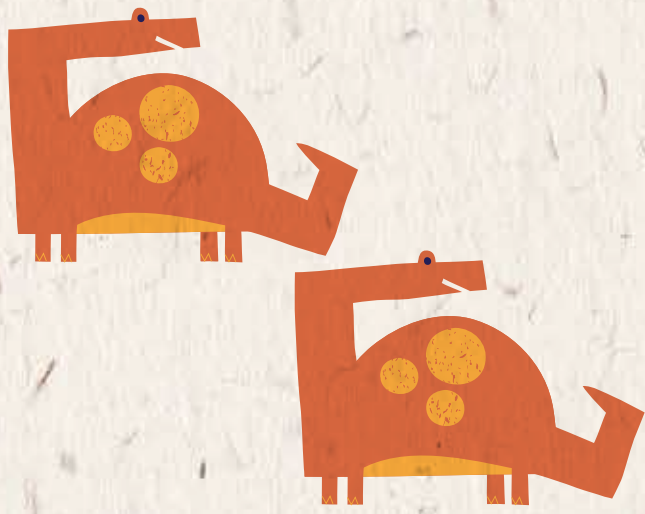
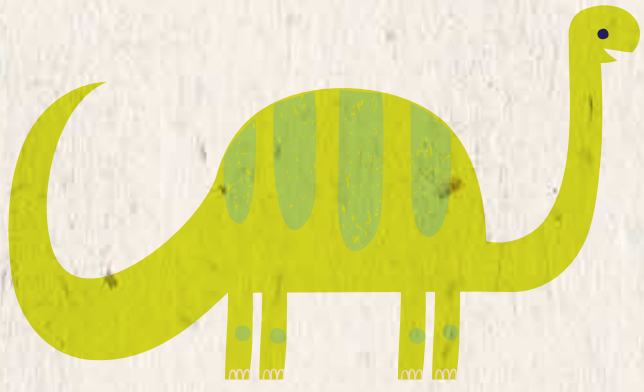




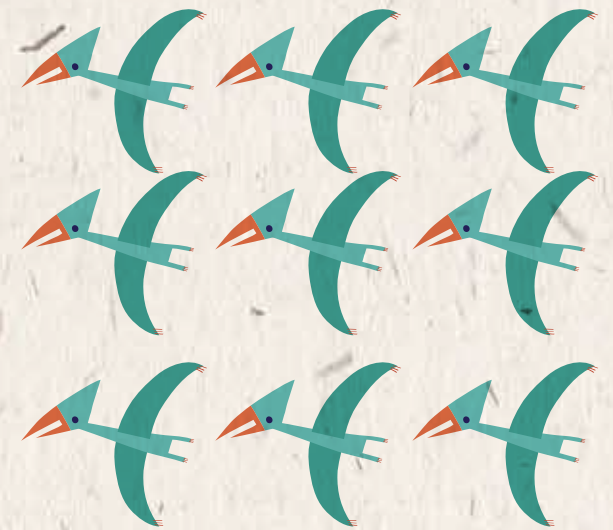
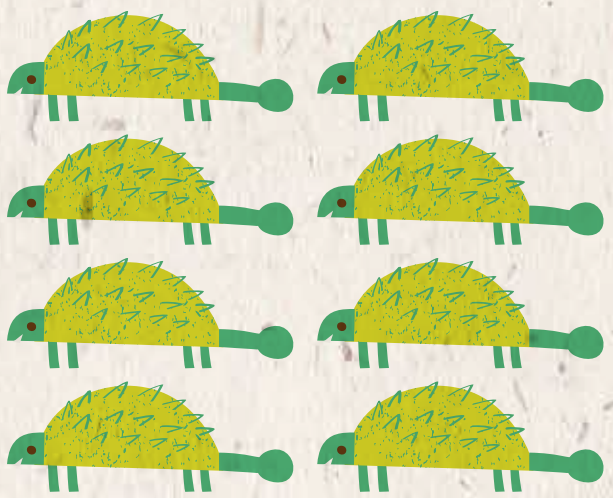
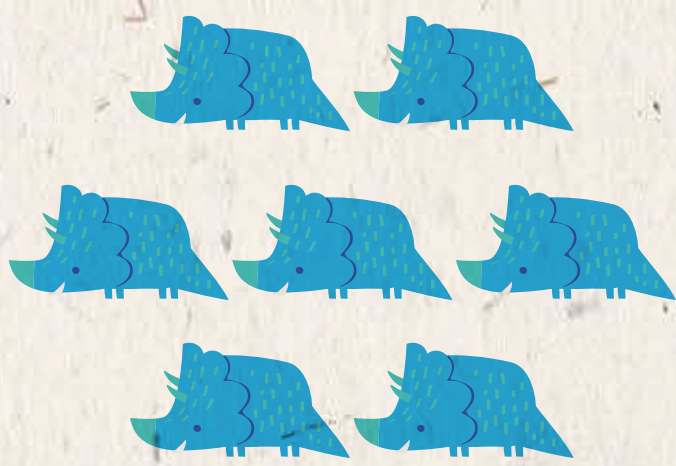
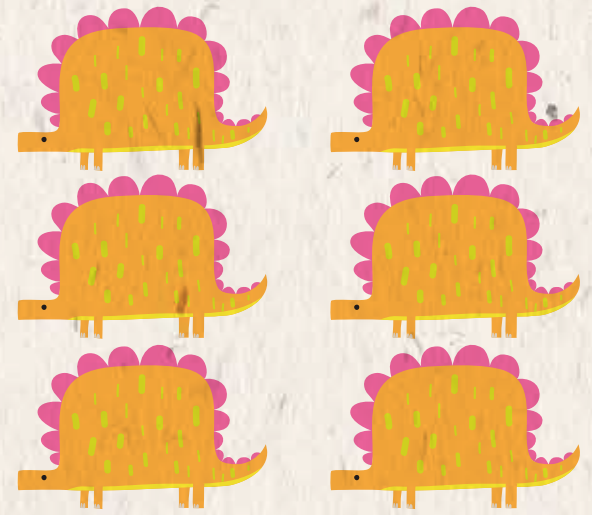
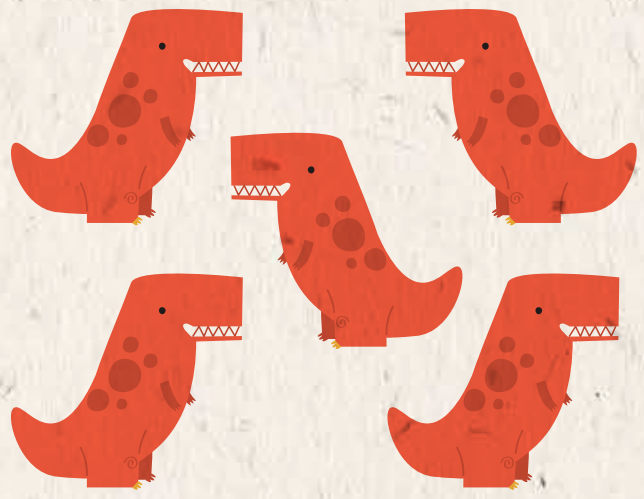
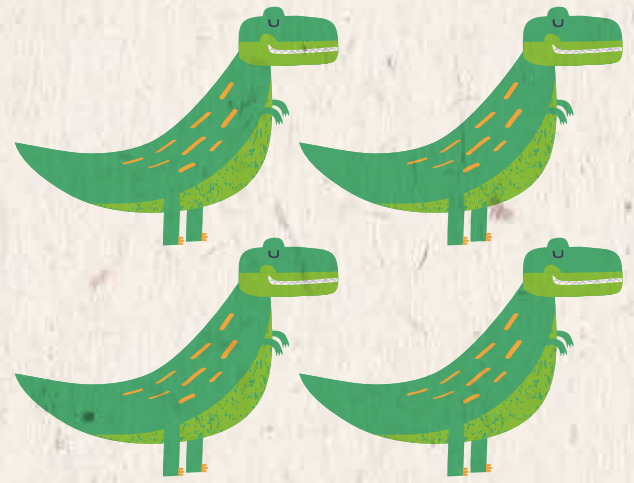








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# Tic-Tac-Toe

