



Teacher's Resource Masters

GRADE K VOLUME 1

Topics 1-8

- Interactive Math Stories
- Home-School Connection Letters
- Pick a Project
- enVision®** STEM Activities
- Daily Review
- Reteach to Build Understanding
- Build Mathematical Literacy
- Enrichment
- Fluency Practice/Assessment

enVision® Mathematics

Grade K

Volume 1: Topics 1–8

Topic 1

Numbers 0 to 5

Topic 1 Interactive Math Story
Topic 1 Home-School Connection
(English and Spanish)
Topic 1 Pick a Project A–C
enVision® STEM Activity 1-9, 1-10
Daily Review (D) 1-1 through 1-10
Reteach to Build
Understanding (R) 1-1 through 1-10
Build Mathematical
Literacy (M) 1-1 through 1-10
Enrichment (E) 1-1 through 1-10

Topic 2

Compare Numbers 0 to 5

Topic 2 Interactive Math Story
Topic 2 Home-School Connection
(English and Spanish)
Topic 2 Pick a Project A–D
enVision® STEM Activity 2-1, 2-4
Daily Review (D) 2-1 through 2-5
Reteach to Build
Understanding (R) 2-1 through 2-5
Build Mathematical
Literacy (M) 2-1 through 2-5
Enrichment (E) 2-1 through 2-5

Topic 3

Numbers 6 to 10

Topic 3 Interactive Math Story
Topic 3 Home-School Connection
(English and Spanish)
Topic 3 Pick a Project A–C
enVision® STEM Activity 3-4, 3-6
Daily Review (D) 3-1 through 3-8
Reteach to Build
Understanding (R) 3-1 through 3-8
Build Mathematical
Literacy (M) 3-1 through 3-8
Enrichment (E) 3-1 through 3-8

Topic 4

Compare Numbers 0 to 10

Topic 4 Interactive Math Story
Topic 4 Home-School Connection
(English and Spanish)
Topic 4 Pick a Project A–D
enVision® STEM Activity 4-3, 4-5
Daily Review (D) 4-1 through 4-5
Reteach to Build
Understanding (R) 4-1 through 4-5
Build Mathematical
Literacy (M) 4-1 through 4-5
Enrichment (E) 4-1 through 4-5

Topic 5

Classify and Count Data

Topic 5 Interactive Math Story	
Topic 5 Home-School Connection (English and Spanish)	
Topic 5 Pick a Project A–C	
enVision® STEM Activity	5-3
Daily Review (D)	5-1 through 5-4
Reteach to Build Understanding (R)	5-1 through 5-4
Build Mathematical Literacy (M)	5-1 through 5-4
Enrichment (E)	5-1 through 5-4

Topic 6

Understand Addition

Topic 6 Interactive Math Story	
Topic 6 Home-School Connection (English and Spanish)	
Topic 6 Pick a Project A–D	
enVision® STEM Activity	6-1, 6-5
Daily Review (D)	6-1 through 6-8
Reteach to Build Understanding (R)	6-1 through 6-8
Build Mathematical Literacy (M)	6-1 through 6-8
Enrichment (E)	6-1 through 6-8

Topic 7

Understand Subtraction

Topic 7 Interactive Math Story	
Topic 7 Home-School Connection (English and Spanish)	
Topic 7 Pick a Project A–C	
enVision® STEM Activity	7-4, 7-5
Daily Review (D)	7-1 through 7-7
Reteach to Build Understanding (R)	7-1 through 7-7
Build Mathematical Literacy (M)	7-1 through 7-7
Enrichment (E)	7-1 through 7-7

Topic 8

More Addition and Subtraction

Topic 8 Fluency Practice/Assessment	
Topic 8 Interactive Math Story	
Topic 8 Home-School Connection (English and Spanish)	
Topic 8 Pick a Project A–D	
enVision® STEM Activity	8-2, 8-10
Daily Review (D)	8-1 through 8-10
Reteach to Build Understanding (R)	8-1 through 8-10
Build Mathematical Literacy (M)	8-1 through 8-10
Enrichment (E)	8-1 through 8-10

This book belongs to:

TOPIC

1 Story

Count the Eggs

Written by Dale Dycus
Illustrated by Chris Lensch



Mama bird is on
her nest.



Help Mama bird
count her eggs.

Topic 1

1



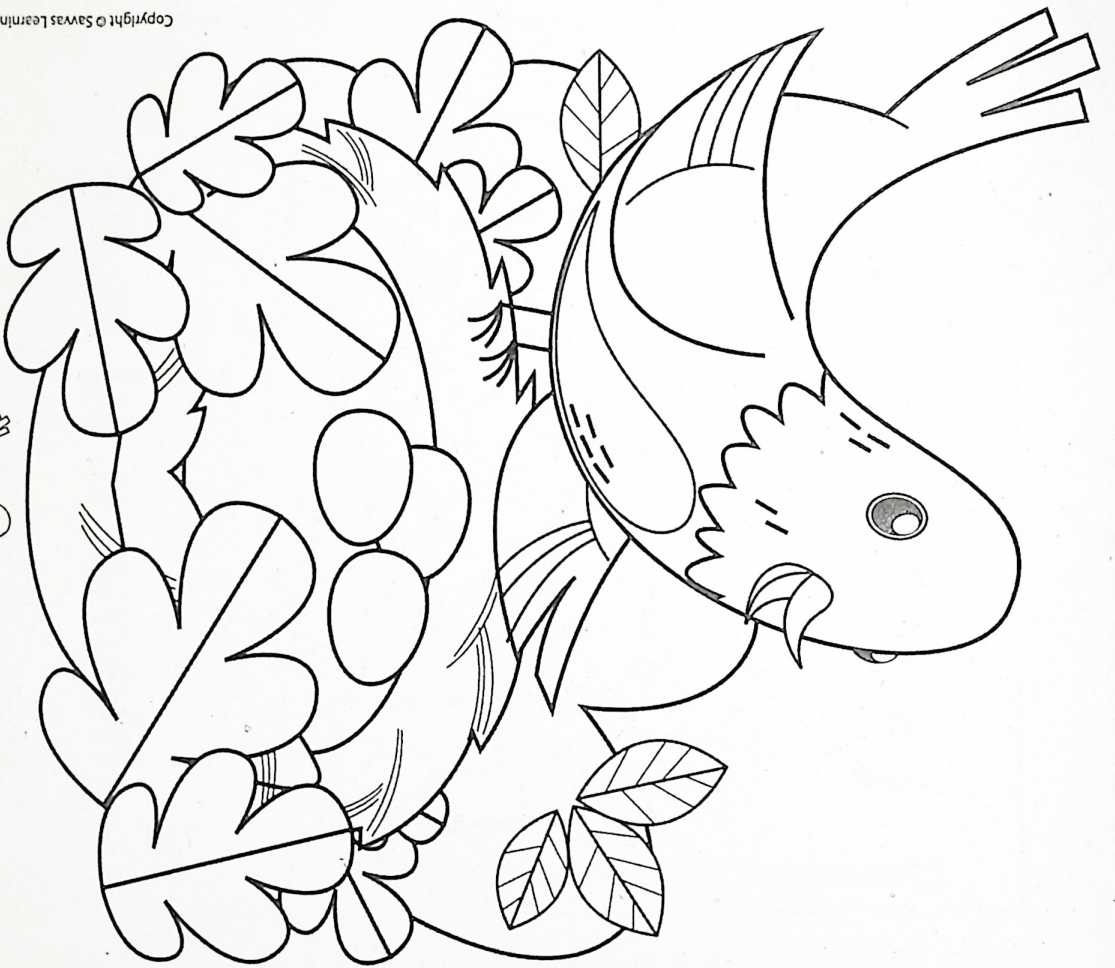
Mama bird counts
1, 2, 3, 4, _____ eggs.



fold down

Topic 1

4



**Mama bird counts
1, 2, _____ eggs.**

fold up



**Mama bird counts
1, 2, 3, _____ eggs.**

Name _____

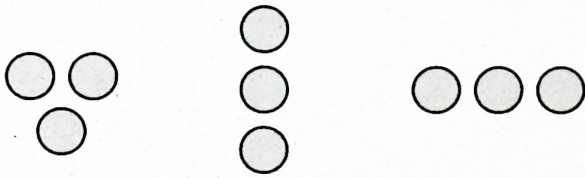
Numbers 0 to 5

Dear Family,

Your child is learning about numbers from 0 to 5. In this topic, he or she will learn to recognize numbers 0 through 5 in different arrangements, and then learn how to write them.

Number Arrangements

Counting tells how many are in a set, regardless of the arrangement or order of the objects.



The same number is shown in each arrangement.

Try this activity with your child to practice counting 1 to 5 objects in different arrangements.

Arrange the Objects

Place 10 small objects on a table such as pennies or buttons. Say a number from 3 to 5 and have your child arrange the objects in two different ways to show that number. For example, he or she can show the number 4 as a row, a column, or in a square pattern.

Observe Your Child

Change the arrangement of the objects and ask if the number of objects has changed. Ask your child to explain why the number of objects stays the same regardless of their arrangement.

Nombre _____

De la escuela al hogar
(en español)

Tema 1

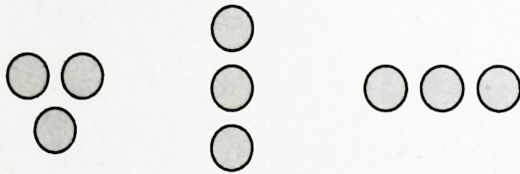
Números del 0 al 5

Estimada familia:

Su niño(a) está aprendiendo sobre los números del 0 al 5. En este tema, aprenderá a identificar los números del 0 al 5 en diferentes ordenaciones y luego aprenderá a escribirlos.

Ordenaciones de números

El conteo indica cuántos hay en un conjunto, sin importar la ordenación o el orden de los objetos.



Cada ordenación muestra el mismo número.

Intente realizar esta actividad con su niño(a) para practicar el conteo de objetos del 1 al 5 en diferentes ordenaciones.

Ordenar los objetos

Coloque 10 objetos pequeños sobre una mesa, como monedas de 1¢ o botones. Diga un número del 3 al 5 y pida a su niño(a) que ordene los objetos de dos maneras diferentes para mostrar ese número. Por ejemplo, él o ella puede mostrar el número 4 como una fila, una columna o en un patrón cuadrado.

Observe a su niño(a)

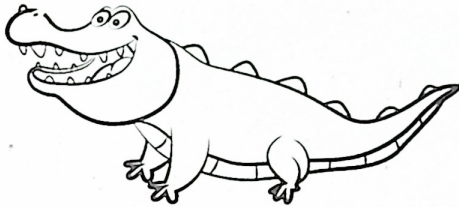
Cambie la ordenación de los objetos y pregúntele si el número de objetos ha cambiado. Pídale que explique por qué el número de objetos permanece igual sin importar su ordenación.

Name _____

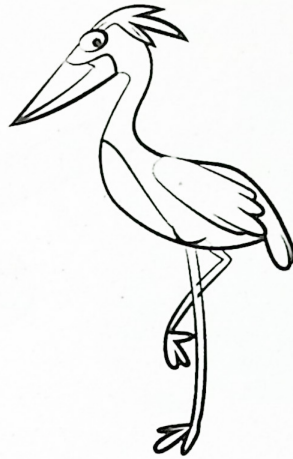
Pick a Project

Project 1A

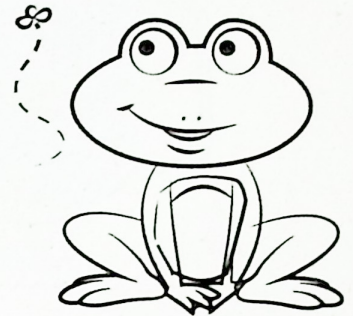
Fun with Animals



American
Alligator



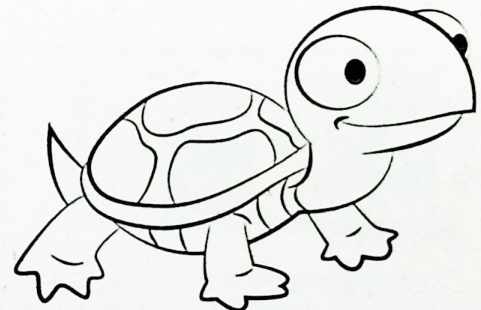
Blue Heron



American
Toad



Panther



Gopher Tortoise

Directions Say: *Alligators are tetrapods. That means they have 4 limbs, or legs.* Have students color the animals as you identify each by name. Then have them count and write numbers to tell how many for each of the following questions. Say: *How many animals do you see? How many legs does the blue heron have? How many toes or claws does each animal have on one foot?* Suggest that students use a different color to write the number of animals (red), legs (blue), and toes or claws (green).

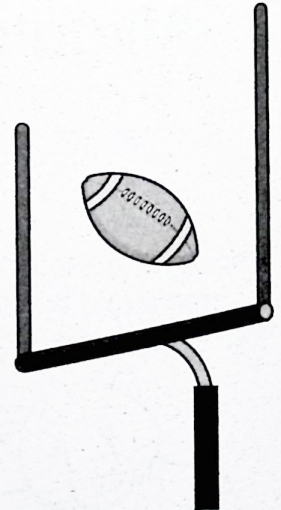
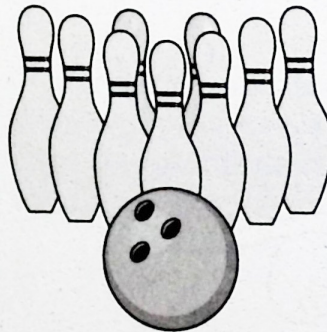
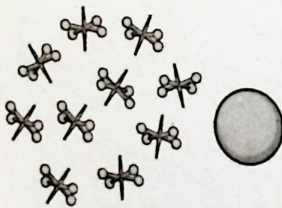
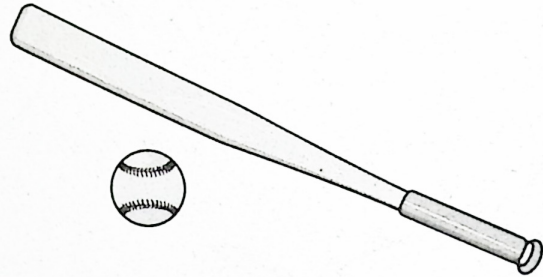
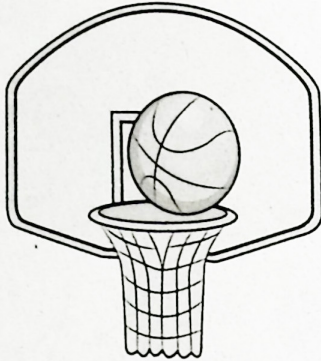
Your Project: Tell a Funny Animal Story Have students select 2 or 3 of the animals and give them character names. Say: *Make up a funny story about your animals. Tell your story to a partner.* Guide students to use numbers from 1 to 5 when describing actions or providing details as they tell their stories. For example, "Trevor Toad has 2 brothers named Tim and Tom."

Name _____

Pick a Project

Project 1B

Play Ball!



Directions Say: *There are many different types of balls that are used in sports and games.* Have students identify the sport or game associated with each ball in the picture, providing assistance as needed. Invite them to share stories about their favorite sport or game that uses a ball. Briefly discuss how players use each ball. Then have students count all of the balls on the page.

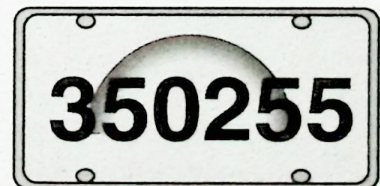
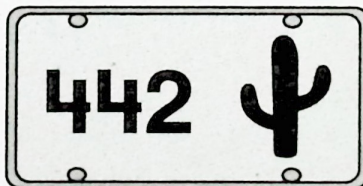
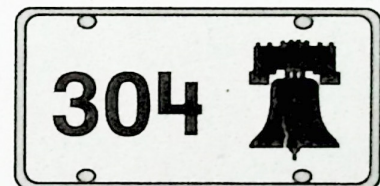
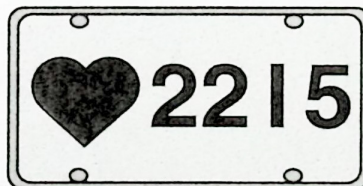
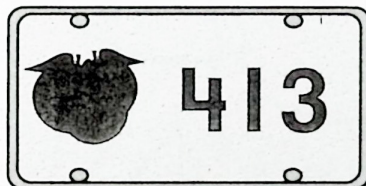
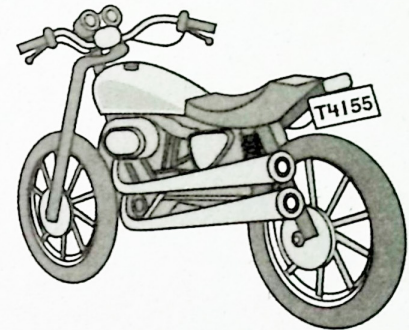
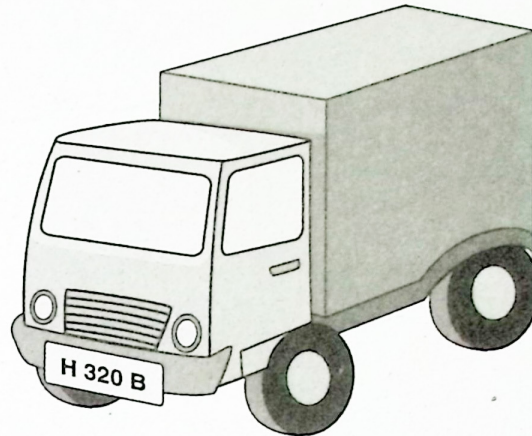
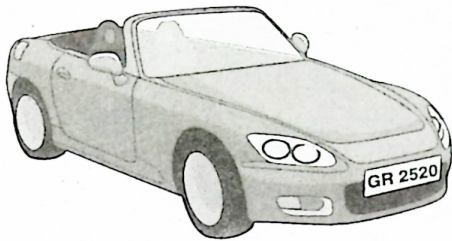
Your Project: Make a Ball Poster Have students make a poster showing 5 different balls that are used in sports and games. They may use some of the ones pictured on the page, but they should also include a few new ones. They can talk to adults, other children, or look up information about sports or games that use balls. (Other examples include soccer, golf, tennis, dodgeball, pool, volleyball.) Ask students to number each picture on their poster from 1 to 5. Then have students present their posters to the class and talk about the sports and games.

Name _____

Pick a Project

Project 1C

License Plates and Numbers



Directions Say: Every car and truck needs to have a license plate. Sometimes there is one on the front and one on the back. Motorcycles need a license plate, too. It is usually on the back. The big license plates pictured on this page just show numbers and a picture. But most real license plates show a combination of letters and numbers and the name of the state. Sometimes they show a picture, too. Ask volunteers to read the numbers on each big license plate.

Your Project: Design a Play License Plate Give each student a large index card or other stiff paper. Ask them to create a license plate for their bike. Their plate should show several numbers from 0 to 5. It may also include the student's name and some artwork. Say: Show your license plate to a partner. As you point to each number, your partner should say the number and clap that many times. For each zero, just jump.