



Teacher's Resource Masters

GRADE K VOLUME 2

Topics 9-14

Interactive Math Stories
Home-School Connection Letters
Pick a Project
enVision® STEM Activities
Daily Review
Reteach to Build Understanding
Build Mathematical Literacy
Enrichment
Teaching Tools

enVision® Mathematics

Grade K

Volume 2: Topics 9–14

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Count Numbers to 20

Topic 9 Interactive Math Story

Topic 9 Home-School
Connection (English and Spanish)

Topic 9 Pick a Project A–C

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Reteach to Build

Understanding (R) 9-1 through 9-7

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Literacy (M) 9-1 through 9-7

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**Describe and Compare
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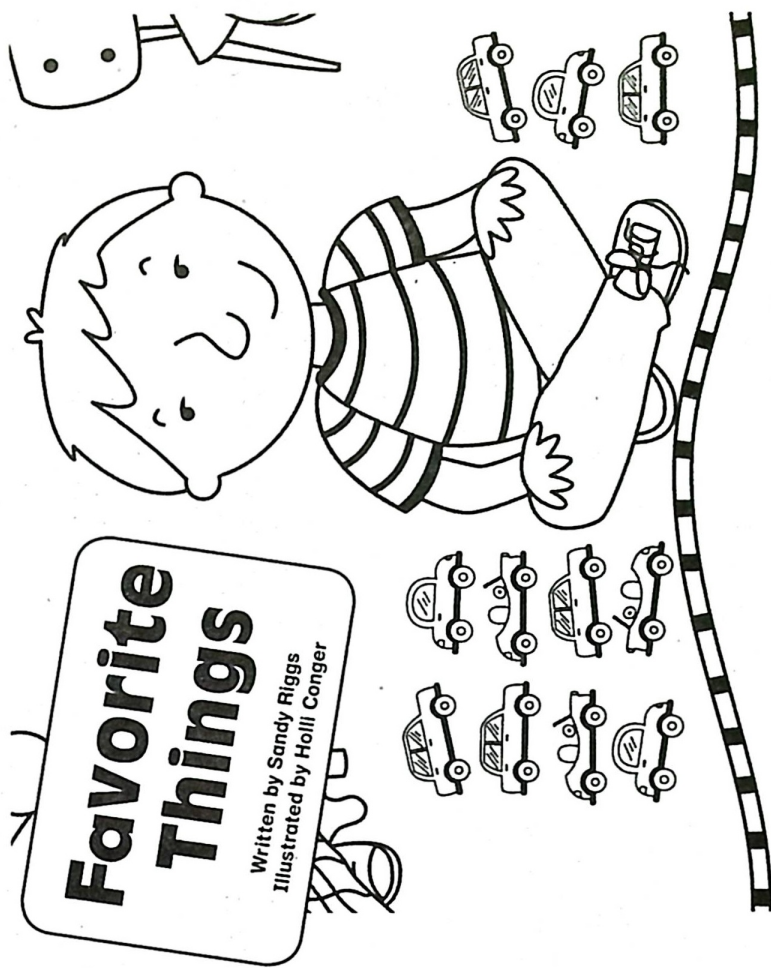
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This book belongs to:

TOPIC

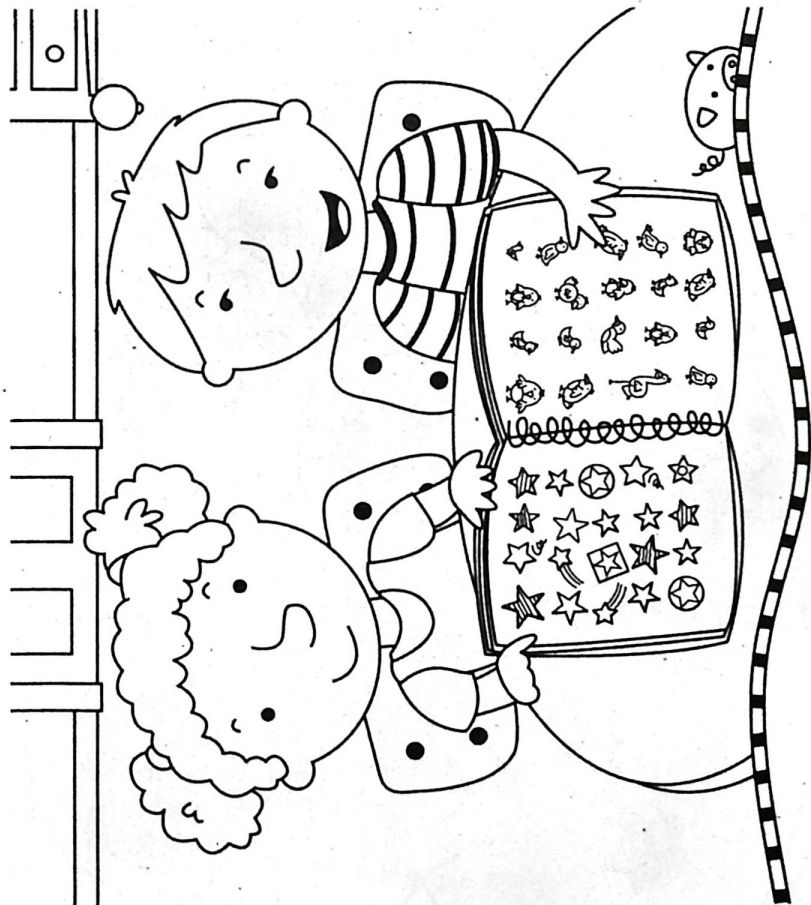
9 Story



Matt has many
small cars.
Look and count.

cars

fold down

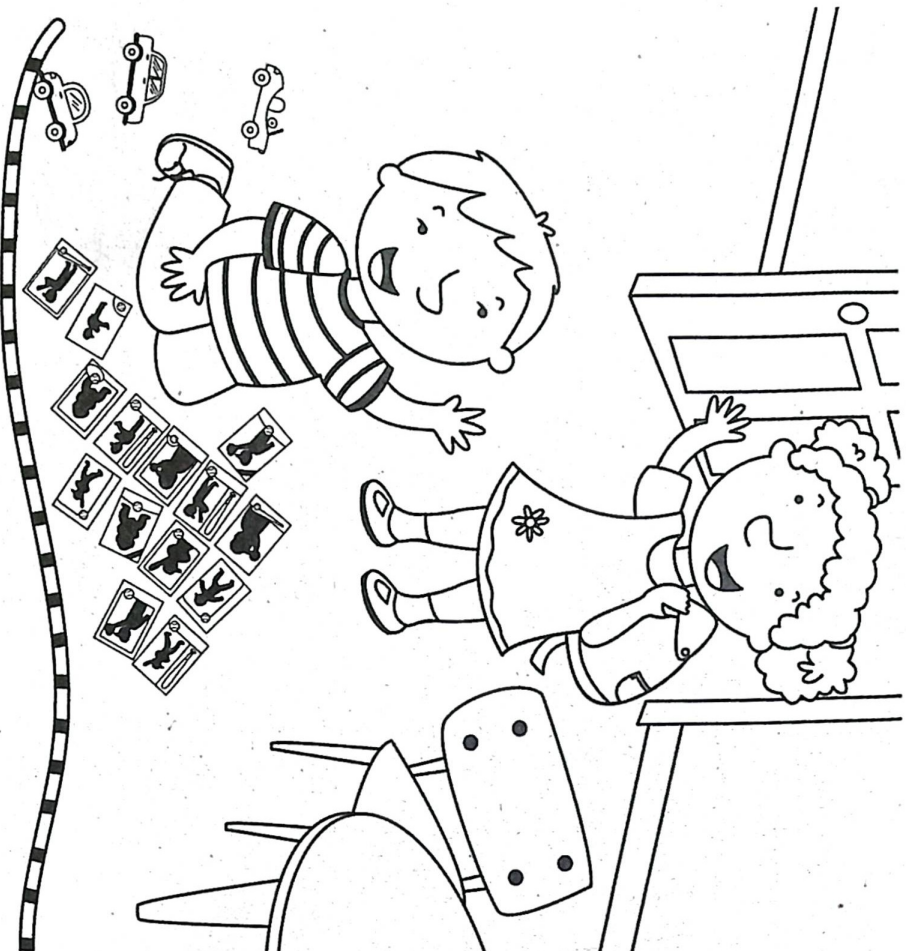


Gina shows Matt
her stickers.

Look and count.

birds and stars

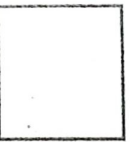
Counting can be fun.



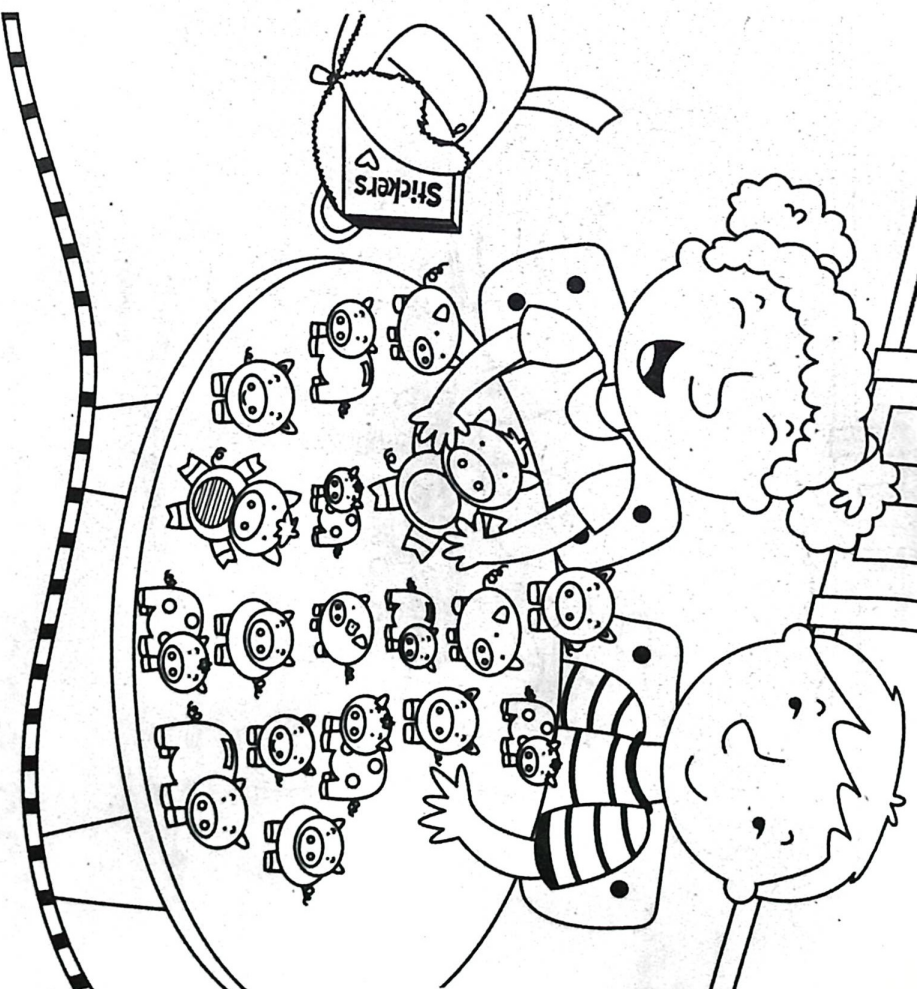
**Matt shows Gina
his cards.**

Look and count.

cards



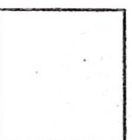
fold up



**Gina likes to collect
things, too.**

Look and count.

pigs



Name _____

Count Numbers to 20

Dear Family,

Your child is learning to count, read, and write numbers from 11 through 20. He or she will learn to count forward from any number to 20. Your child will also learn to use logical reasoning to solve problems when there is more than one possible solution.

Count and Write

Each number word has its own unique symbol.

| | | |
|----|------------|------------|
| 16 | ●●●●●●●●●● | ●●●●●● |
| 17 | ●●●●●●●●●● | ●●●●●●● |
| 18 | ●●●●●●●●●● | ●●●●●●●● |
| 19 | ●●●●●●●●●● | ●●●●●●●●● |
| 20 | ●●●●●●●●●● | ●●●●●●●●●● |

Try this activity with your child to practice counting objects and counting forward from any number to 20.

Make a Group of Objects

Use 20 small objects such as pennies, buttons, paper clips, or paper squares. Ask your child to make a group with 15 objects and write the number 15 on a piece of paper. Then add objects to the group one at a time as you count forward to 20 with your child. Finally, ask your child to write the numbers you counted. Then repeat the activity with a different number of objects.

Observe Your Child

When your child makes the group of 15 objects, ask him or her to organize the objects in a way that makes them easier to count. Ask your child to explain what a ten-frame is and how it can help to organize objects.

Nombre _____

De la escuela al hogar
(en español)

Tema 9

Contar números hasta 20

Estimada familia:

Su niño(a) está aprendiendo a contar, leer y escribir números del 11 al 20. Él o ella aprenderá a contar hacia adelante desde cualquier número hasta el 20. Su niño(a) también aprenderá a usar el razonamiento lógico para resolver problemas cuando hay más de una solución posible.

Contar y escribir

Cada número en palabras tiene su propio símbolo.

16 ●●●●●●●●●● ●●●●●●●●
17 ●●●●●●●●●● ●●●●●●●●
18 ●●●●●●●●●● ●●●●●●●●
19 ●●●●●●●●●● ●●●●●●●●●●
20 ●●●●●●●●●● ●●●●●●●●●●

Intente esta actividad con su niño(a) para practicar el conteo de objetos y el conteo hacia adelante desde cualquier número hasta el 20.

Formar un grupo de objetos

Use 20 objetos pequeños como monedas de 1¢, botones, clips o cuadrados de papel. Pídale a su niño(a) que forme un grupo con 15 objetos y escriba el número 15 en una hoja de papel. Luego, añada objetos al grupo, uno a la vez, mientras cuenta hacia adelante hasta el 20 con su niño. Por último, pídale a su niño(a) que escriba los números que contaron. Luego, repita la actividad con un número diferente de objetos.

Observe a su niño(a)

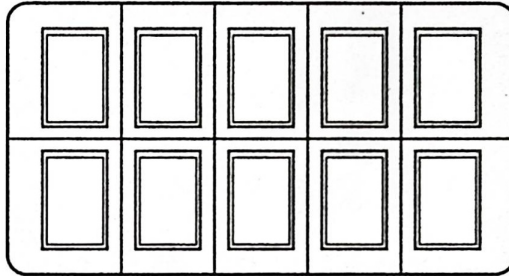
Cuando su niño(a) forme el grupo de 15 objetos, pídale que organice los objetos de manera que sean más fáciles de contar. Pídale a su niño(a) que explique qué es un marco de 10 y cómo le puede servir de ayuda para organizar los objetos.

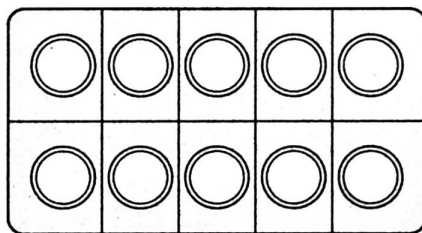
Name _____

Pick a Project

Project 9A

How Much Gum?





Directions Say: Gum is a popular treat around the world. Some types of gum come in packs. Look at the two packs of gum on the page. How many are in the packs? Count the pieces with students and have students color them. Say: Look at the pieces under the packs. How many more pieces would you need to make 20 pieces for each type of gum? Draw those pieces. Have students write the numbers to tell how many more pieces of gum they drew.

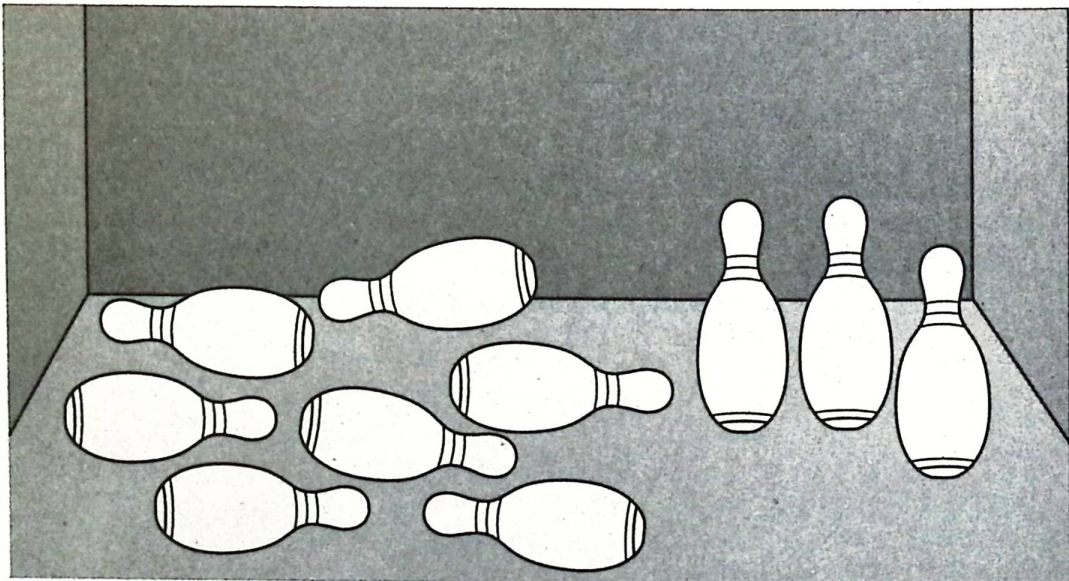
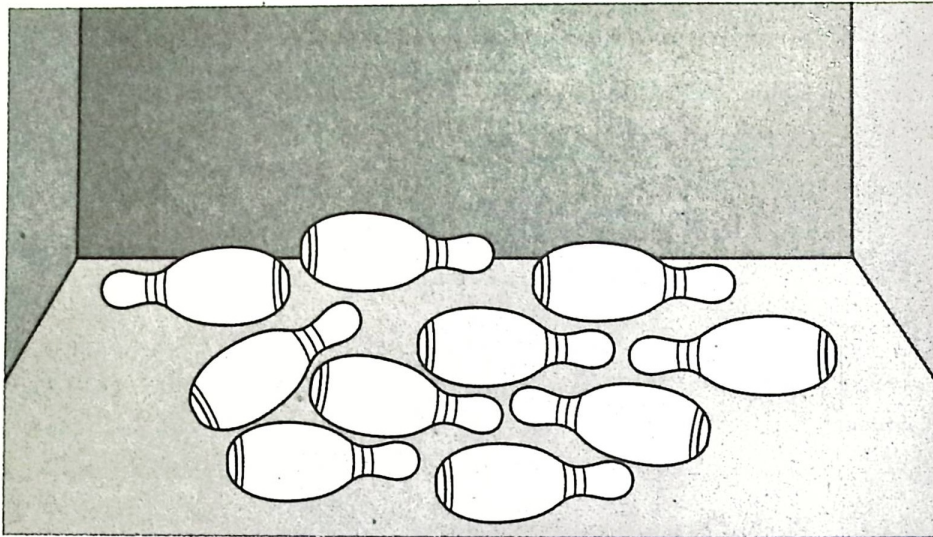
Your Project: Play a Counting Game to 20 Say: You will play a version of Bubble Gum in a Dish. First take turns picking a number between 1 and 20. Then you and a partner will sing "Bubble gum, bubble gum, we have plenty, this is how we count to twenty." Then take turns counting up from the number you selected. Example: 13 "Bubble gum, bubble gum, we have plenty, this is how we count to twenty: 13, 14, 15, 16, 17, 18, 19, 20" Allow students to play multiple rounds selecting different starting numbers.

Name _____

Pick a Project

Project 9B

Go Bowling!



Directions Say: In bowling, you try to knock down as many of the 10 pins as you can. At the end of the game, if you knock down all 10, you get another 10 to try. Look at the group of pins at the top of the page. How many pins were knocked down? Then have students look at the next group of pins. How many pins were knocked down this time? How many are still standing? Have students count all of the pins that were knocked down in both groups. Then have them count on from that number to find the total number of pins.

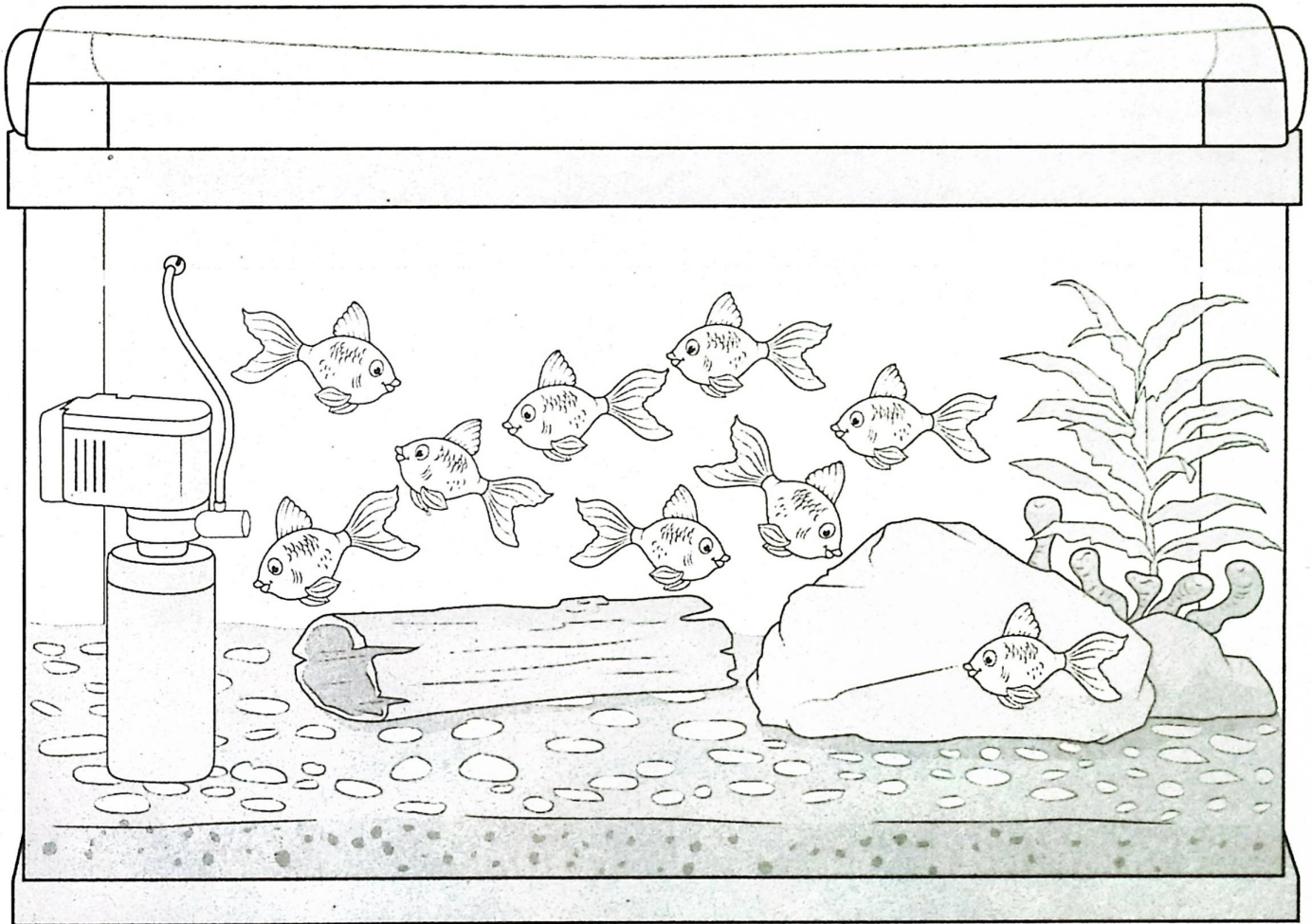
Your Project: Tell a Sports Story Have students take turns telling a story about a time they went bowling, participated in some other sport, or watched a favorite sport. Encourage them to use numbers from 1 to 20 in their stories. For example, they might talk about the number of players, a score, or the number of times the student watched the sport.

Name _____

Pick a Project

Project 9C

Planning a Fish Tank



Directions Say: Many people enjoy raising fish in a fish tank. Goldfish are pretty easy to care for. They need water, light, and goldfish food. A small machine called a filter can be set in the tank to keep the water clean. Sometimes goldfish like to hide, so plants and rocks in the tank are a good idea. Have students count the fish in the tank and say the number.

Your Project: Make a Fish Tank Model Have students use a shoe box to model a fish tank. They can use construction paper and other materials to make fish, plants, and rocks for the tank. Say: Pretend your fish tank is very big. There would be room for up to 20 goldfish. Make 11–20 fish, some plants, and some rocks and place them in your tank. When students have finished their models, have them share their work and tell how many fish they made.