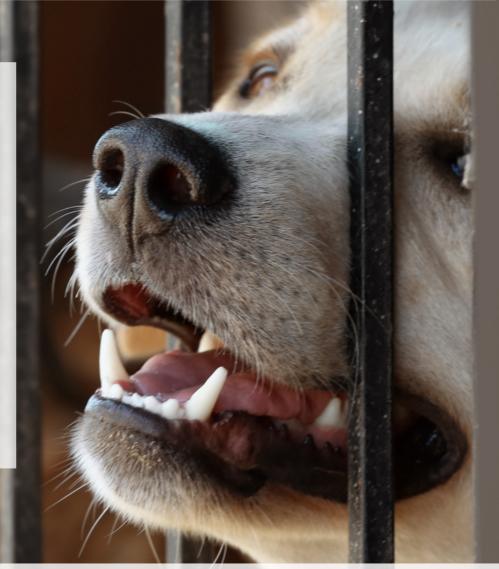
# GÉRÉZ UN REFUGE D'ANIMAUX: UN PROJET DE MULTIPLICATION

Incorporez l'application des concepts de la multiplication pratiques et réels, incluant:

- les faits jusqu'à 12x12
- les matrices
- les opérations réciproques
- l'addition répétée
- les groupes
- compter par bonds



CRÉÉ PAR SHELLEY GRAY

# **ABOUT THIS RESOURCE**

Are you looking for a way to reinforce basic multiplication concepts in an engaging way that helps your students make connections? "Run a Pet Shelter" is a **real-life math project** where students will complete NINE different multiplication tasks. This project will help your students see how multiplication is used in real life.

You might choose to print specific tasks to use during Math centers, or you might make a booklet out of all nine tasks and let your students choose which one to do when. The choice is yours.

### THIS IS THE FRENCH IMMERSION VERSION OF THIS RESOURCE.

Take a look at what you'll find inside this math project:

### TASK #1: COLLECTING DONATIONS

Donations are essential for your pet shelter. They help you buy food and supplies for the pets that you care for.

Multiplication Skills: basic facts, repeated addition, arrays

Other related math skills: addition, reading a chart

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DONS DE 25			

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3.00\$	4	-
4.00\$	8	- 171
5,00\$	1	
6.00\$	7	
7,00\$	4	
8.00\$	9	
400\$		
10,00\$	3	
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### TASK#2: SHELTER SUPPLY INVENTORY

It's time to do inventory of all of the pet supplies! Let's go to the supply room and figure out how much we have!

Multiplication Skills: basic facts, groups of, arrays

Other related math skills: tally charts, addition

C'est le temps de faire l'i	IRE DE REFUGE inventaire de refugel Allans à pir ce que nous avons!			
Inventaire de la nourriture pour chiens	Inventaire des délices pour chiens			
Petits sacs (S kilogrammes) ##	Paquets de délices pour chien (10 délices por sac) ##			
Grands sacs (10 HH IIII	Sacs d'os pour chiens (5 HH HH II			
Nombre de kg (petits sacs):x_=_	Nombre de délice p. r.c. lens:			
Nombre de kg (grands sacs):x_=_				
Combien de kg en tout? Nom' e d'os pour = t :ns:				
Inventaire de la nourriture pour chats 'nve. 'aire 's délices pour cha				
Nounthure humide (I2 bartes opriodices)	So de soumon (10 HH IIII della con par soc)			
Nournture stoke ###	Soveur de beuf (10 délices par sac) ## ##			
Nombre de boîter ue n. mitu. hum ue:	Saveur de poulet (IO HH HH   I			
Nombre do in du numture suche:				
	Nombre de délices à la saveur de			
Inver. e de la litière pour chats	saumon:x=_			
Non-parfum (bate de 9 kg) ##	Nombre de délices à la saveur de			
Parfumé (bathe de 9 kg)	bosuf:x=			
Kilogrammes de litière non-porfumé:				
Kilogrammes de litière parfumé:	Nombre de délices à la saveur de			
x=_ Combien de kg en fout?	poulet:x=_			
Shalley Gray www.Shalley.GrayTeaching.com				

### TASK #3: IT'S FEEDING TIME

Feeding time at the pet shelter is the busiest time of the day! Can you help plan the amount of food that is needed?

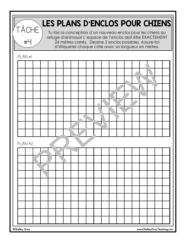
Multiplication Skills: basic facts, groups of, arrays

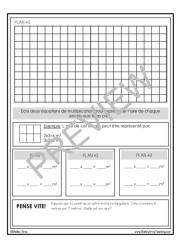


### TASK #4: DOG RUN DECISIONS

You're designing a brand new outdoor dog run for the pet shelter! The area of the dog run MUST BE exactly 24 square meters. Draw 3 possible designs. Be sure to label each side with the length in meters.

Multiplication Skills: basic facts, fact families, area



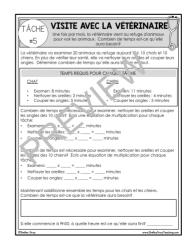


### **TASK#5: VET VISITS**

Once a month, the local vet comes to the pet shelter to do a check-up on the animals. How long will she need?

**Multiplication Skills: basic facts** 

Other related math skills: addition, time

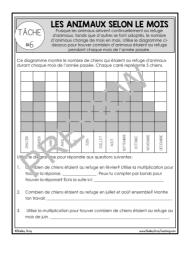


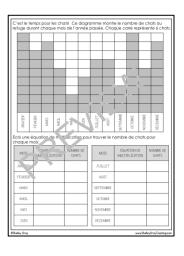
### TASK #6: PETS BY THE MONTH

Because animals are constantly coming in to the pet shelter and also being adopted, the number of pets fluctuate from month to month. Use the graph to figure out how many pets were in the shelter each month last year.

Multiplication Skills: basic facts, skip-counting

Other related math skills: graphing and data interpretation

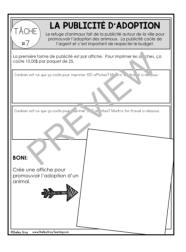




### TASK #7: ADVERTISING FOR ADOPTION

The pet shelter advertises around the city so that more pets can get adopted. All of the advertisements cost money, and it's very important for the pet shelter to stay within their budget.

Multiplication Skills: basic facts, fact families, area



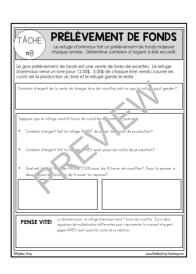


# TASK#8: FUNDRAISING

The pet shelter holds two major fundraisers every year. Figure out how much is earned from each one.

Multiplication Skills: basic facts, fact families

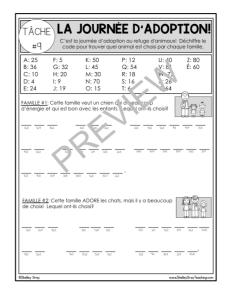
Other related math skills: subtraction



### TASK #9: ADOPTION DAY

It's Adoption Day at the pet shelter! Crack the codes to find out which pet is chosen by each family.

**Multiplication Skills: basic facts** 



### ANSWER KEYS ARE PROVIDED TO MAKE SELF-CHECKING EASY!

## WAYS TO USE MATH PROJECTS IN YOUR CLASSROOM:

Math projects are an ideal way to consolidate learning. I recommend using them as an engaging activity AFTER skills have been learned rather than during learning. You will likely find that engagement is very high and that your students ask to do more of these!

There are many ways to use math projects in your classroom. Some of the most popular are:

- a small-group or pairs activity
- a guided math activity to allow you to see where your students are struggling
- a fun, rewarding way to engage your early finishers
- a low-prep, easy-to-implement activity for a substitute teacher

Enjoy!

Shelley Gray
www.ShelleyGrayTeaching.com