

# FOOD GLORIOUS FOOD

FOR 7-11 YEAR OLDS





## ABOUT THIS ACTIVITY

In these activities, pupils practise their data analysis and Venn diagram skills as they investigate what is safe for dogs to eat and how much different dogs should eat to be happy and healthy.

This is a maths-based activity, but can also be used as part of a PSHE or Citizenship topic about health and wellbeing, and as a follow-up activity after a visit from one of our Education and Community Officers.

Age range: 7-11 years  
Subjects: Maths / PSHE / Citizenship



### You will need:

-  Copies of the activity sheets for each pupil.

# Teacher's Notes

## HOW TO USE THIS ACTIVITY

### Task 1

Pupils sort different foods and drinks into a Venn diagram showing which are safe and unsafe for dogs to eat, and what can be eaten safely by both dogs and humans.

Pupils are also asked to think about what a dog owner can do to stop their dog eating something that could be dangerous for them.

### Task 2

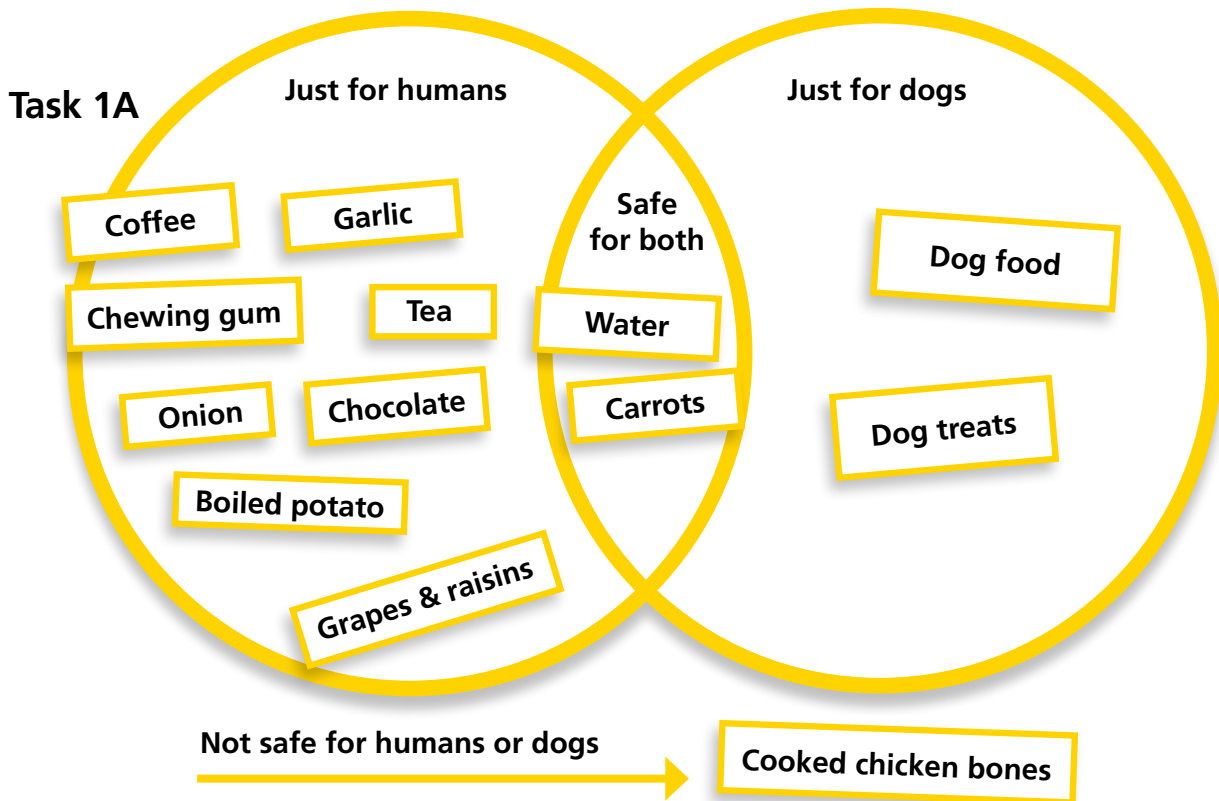
Pupils analyse the table of data looking at dog size, weight and activity levels to determine how much food they should be eating per day and per meal.

Pupils are asked to think about the consequences of not feeding a dog the correct amount, and especially what happens if an owner feeds them too much.



# Teacher's Notes

## Answers



## Task 1B

**Can you think of 3 things an owner could do to stop their dog eating something which could be dangerous for them?**

Answers may vary, but could include:

- Don't give food with those things as ingredients.
- Place dangerous food on high shelves.
- Store dangerous foods in cupboards the dog cannot open.
- Tell other people/children not to share those foods with the dog.
- Only feed the dog food and treats meant for them.



# Teacher's Notes

## Answers

### Task 2A

This activity is based on James Wellbeloved feeding guidelines – please note these may vary for other brands.

Dog name	Dog weight (kg)	Activity level	Amount of food per day (g)	Amount of food per meal (g) (amount per day ÷ 2)
Example	30	low	338	$338 \div 2 = 169$
Charlie	20	low	250	$250 \div 2 = 125$
Poppy	5	normal	102	$102 \div 2 = 51$
Arthur	35	normal	440	$440 \div 2 = 220$
Buster	10	low	148	$148 \div 2 = 74$
Frank	40	high	552	$552 \div 2 = 276$
Jessie	20	high	328	$328 \div 2 = 164$
Honey	70	high	840	$840 \div 2 = 420$
Izzy	50	normal	575	$575 \div 2 = 287.5$

### Task 2B

**Sometimes owners do not measure their dog's food correctly and feed them too much. What could be the long-term consequences of this?**

Answers may vary, but could include:

- The dog gains weight/becomes obese.
- The dog could develop health problems like diabetes or heart disease.
- The dog finds walking more difficult – they can no longer run, jump or play well (they are no longer able to have a 'normal' life).
- Existing health issues could become worse e.g. joint problems, breathing difficulties.



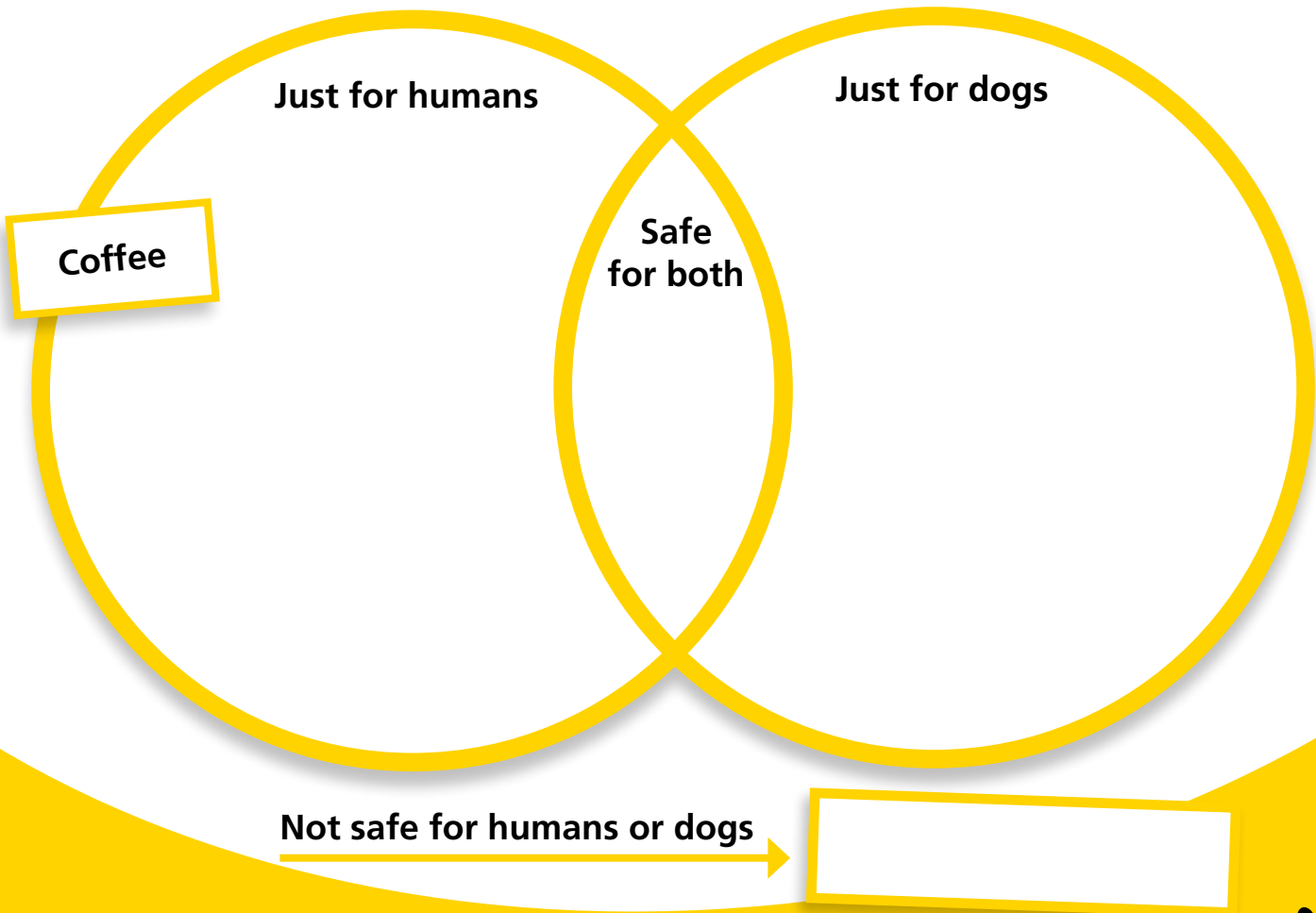


# Task 1

 **A: Sort the following foods and drinks into the Venn diagram (one is already done for you).**

- Dog food
- Chocolate
- Water
- Carrots
- Onion
- Cooked chicken bones
- Dog treats
- Grapes & raisins
- Tea
- Chewing gum
- Garlic
- Boiled potato

**Important!** This is not a complete list of foods toxic to dogs. Never feed your dog anything other than dog food and dog treats unless you have first checked that it will be safe. A longer list can be found at [www.dogstrust.org.uk](http://www.dogstrust.org.uk) or check with your vet.



# Task 1



**B: Can you think of 3 things an owner could do to stop their dog eating something which could be dangerous for them?**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_



# Task 2

It is important that dogs eat the right amount of food.




**A: Use the information in the table on the next page to calculate the correct meal sizes for these dogs (the top line is already done for you).**

Dog name	Dog weight (kg)	Activity level	Amount of food per day (g)	Amount of food per meal (g) (amount per day $\div$ 2)
Example	30	low	338	$338 \div 2 = 169$
Charlie	20	low		
Poppy	5	normal		
Arthur	35	normal		
Buster	10	low		
Frank	40	high		
Jessie	20	high		
Honey	70	high		
Izzy	50	normal		



Dog	Body weight (kg)	Daily serving (g)		
		High activity	Normal activity	Low activity
Toy	2	58	51	44
	5	116	102	88
Small	10	195	172	148
	15	265	233	201
Medium	20	328	289	250
	25	388	342	295
	30	445	392	338
Large	35	500	440	380
	40	552	486	420
	50	653	575	496
	60	749	659	569
	70	840	739	639
	80	929	817	706
	90	1015	893	771

 **B) Sometimes owners do not measure their dog's food correctly and feed them too much. What could be the long-term consequences of this?**

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