

For Ages 6 - 8

Magical Maths Book 1

High interest activities to ensure
maths concepts are learnt in a
practical and enjoyable way.

Written by Mary Serenc and Wendy Harrap. Illustrated by Terry Allen.

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Teaching Notes

The following notes will give teachers ideas for the use of the relevant page as well as background information to use in other lessons on the class timetable.

Activity Sheets 1, 2, 3 and 4

Activity Sheet 1: Dog and Bone

Materials

Dog and Bone Activity Sheet 1; coloured pencils; scissors; glue.

Teaching Points

Discuss size of objects using terms such as big, bigger, biggest and small, smaller, smallest. Children cut and glue to match the dogs and bones to kennels.

Extension

1. Discussion - Discuss various breeds of dogs, their characteristics and how to look after them, for example

Dalmatians

- They are friendly and well-mannered but need lots of time and attention or they become destructive.
- Their coats are mostly white with round spots in black or brown.
- They make good guard dogs or search and rescue dogs.
- They are prone to sunburn because of their white colouring.

Labradors

- They are intelligent dogs, often used as guide dogs for deaf and blind people.
- They are very loveable in a family situation but need lots of exercise to keep their weight down.
- They also make good guard dogs.
- They are very trustworthy.

2. Puppy Maths - Draw 3 puppies on the blackboard. Ask questions such as:

- How many dogs?
- How many legs?
- How many ears?
- How many waggy tails?
- How many eyes?

Pose problems such as: I see eight little legs running by with four ears flapping. How many dogs is that? Draw them.

Activity Sheets 2, 3 and 4: Dot-to-Dot activities

Materials

Dot-to-Dot Activity Sheets 2, 3 and 4; coloured pencils.

Teaching Points

Practise counting in 1's, 2's, 5's and 10's. Follow up with dot-to-dot sheets.

Name: _____

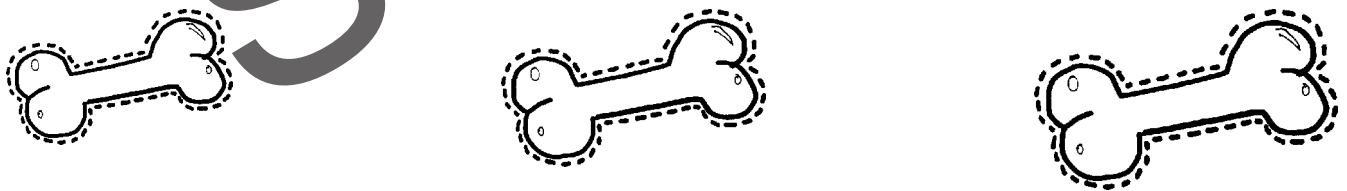
Activity Sheet 1: Dog and Bone

- ☆ Cut out each dog and bone. Match the dogs with their kennels and glue them in. Glue their matching bones in front of the kennels.

SPOT

BECKY

TESS



Outcome: Space 1.9: Matches, compares and arranges objects according to size and shape.

Name: _____ **Activity Sheet 8: Maths Facts Revision**

★ In each sum add more dots to make 10.
Write the missing number in the box.

$$\begin{array}{r} 1 \cdot \\ + \square \\ \hline 10 \end{array}$$

$$\begin{array}{r} \square \\ + 7 \cdot \cdot \cdot \cdot \cdot \\ \hline 10 \end{array}$$

$$\begin{array}{r} 5 \cdot \cdot \cdot \cdot \cdot \\ + \square \\ \hline 10 \end{array}$$

$$\begin{array}{r} 0 \\ + \square \\ \hline 10 \end{array}$$

$$\begin{array}{r} \square \\ + 2 \cdot \cdot \\ \hline 10 \end{array}$$

$$\begin{array}{r} 6 \cdot \cdot \cdot \cdot \cdot \\ + \square \\ \hline 10 \end{array}$$



Outcome: Number 2.13: Finds the missing number in a set of equations involving addition of whole numbers to 10.

Name: _____

Activity Sheet 9: Pirates

★ Colour by numbers. Work out the answers to the maths problems below and follow the key to colour the pictures. Write what you think the pirates are saying in the balloons.

2 = black

10 = blue stripes

18 = blue

4 = pink

12 = green

20 = yellow

6 = orange

14 = brown

8 = purple

16 = red

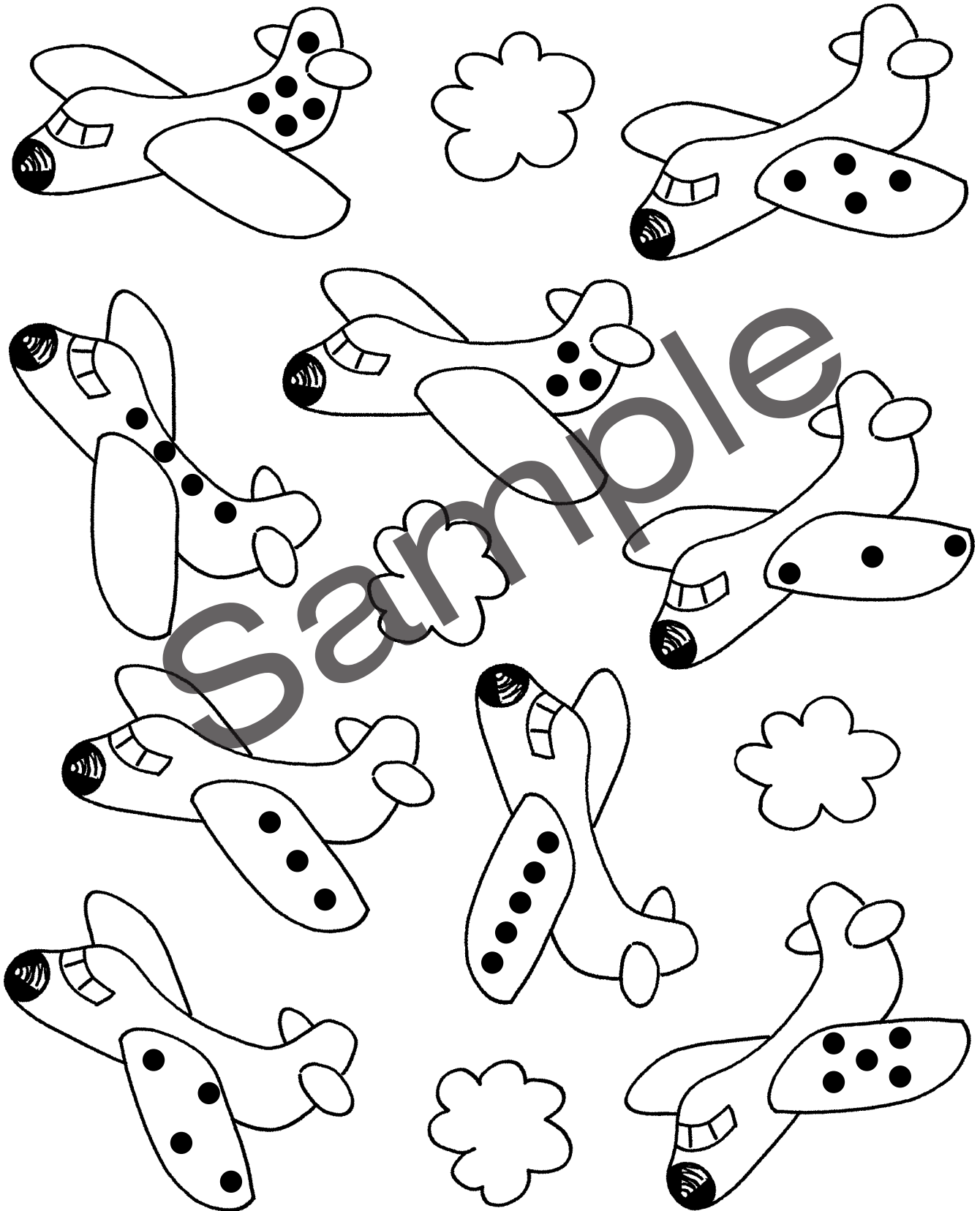


Outcome: Number 2.14a: Solves addition facts of whole numbers to 20; doubles whole numbers up to 10.

Name: _____

Activity Sheet 14: Dot Patterns

- ☆ Colour the planes with a **3** dot pattern red.
Colour the planes with a **4** dot pattern blue.
Colour the planes with a **5** dot pattern green.



Outcome: Number 2.11: Matches digits with sets of objects; follows a key.