ChooseIt!
Ready-mades

NUMERACY
5 to 10

Credits

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Introduction

Numeracy: Number 5 to 10 is a set of *ChooseIt! Maker* activities supplied with a *ChooseIt ! Ready -mades* player program . This user guide presumes you also have the general user guide for *ChooseIt! Ready-mades*.

This Activity Set has 23 activities covering number from 5 to 10. Each activity consists of 20 to 40 multiple choice questions, which increase in difficulty throughout the activity. A "Counting monkeys" story-based activity is also included as a fun round-up activity.

This program has a selection of activities which can be used as either a teaching aid or for an assessment of the pupil's knowledge in that area. Because the topics have been broken down into very small steps , they are easily linked to SEN pupils ' Individual Education Plans . Some activities are suitable for the pupil to do independently , but to get the most out of each activity a 1:1 situation is advisable . This way the language of the subject can be developed alongside the concept being practised.

All activities are self-correcting so the pupil does not experience failure. A simple scoring scheme allows you to track progress.

Note for children with learning difficulties:

The most important aspect in the life of a special needs child is routine, because with a good routine comes security, and hence confidence. Once the child has confidence and is relaxed with the surroundings, learning can then take place. This ideal has been used when planning the activities in *ChooseIt! Maker 2* by utilising repetition and simple language.

Installation

This manual is accompanied by a general user guide for *ChooseIt! Ready-mades*. The *ChooseIt Ready-mades* guide gives you help with installing and running this Activity Set. It also shows you how to use the options and how to set up switch access.

Getting Started

This Activity Set consists of 23 activities covering:

- Comparing quantities - Activity A, B, C, D, E and F.
- Recognising sets of objects - Activities G, H, I, J, K, L and N.
- Rote counting - Activities M and O.
- Recognising numerals - Activities P and U.
- Sequence of numbers - Activities Q, R, S and T.
- Simple addition - Activities V and W.

To see these, start the *ChooseIt! Ready-mades* program, and click on *Numeracy: Number 5 to 10*. You can scroll down using the scroll bar on the right-hand side of the screen to see all of the activities.
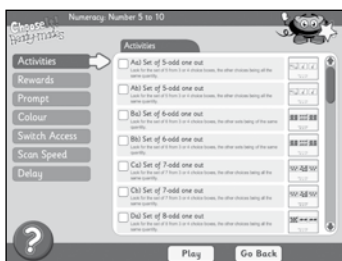
To play an activity, tick the white box next to it and then click the **Play** button at the bottom of the screen.

Activity Titles:

A Set of 5 - odd one out	**N** Counting monkeys
B Set of 6 - odd one out	**O** Counting backwards
C Set of 7 - odd one out	**P** Recognise numerals
D Set of 8 - odd one out	**Q** More than
E Set of 9 - odd one out	**R** Less than
F Set of 10 - odd one out	**S** Biggest number
G Find the set of 6	**T** Smallest number
H Find the set of 7	**U** Read written numbers
I Find the set of 8	**V** Addition to 5
J Find the set of 9	**W** Addition to 10
K Find the set of 10	
L Find the sets of 6 - 10	
M What number comes next?	

Note that the questions in an activity increase in difficulty from the first question to the last.

Lower level work can be found in the *ChooseIt! Ready-mades* CD *Numeracy: Number 0 to 5*, whilst *Numeracy: Number 0 to 100* (activities based on the 100 square) supports the curriculum further.

Quick Hints and Tips

Use the left and right arrow keys on the keyboard to skip forward or back through an activity. They can be used for:

- Reviewing the content of an activity.
- Skipping to a page more suitable for the learner.
- Going back and trying some pages again.

Remember that learners do not need to read to play these activities, as all text is spoken. Learners can click on the loudspeaker button to hear the question again.
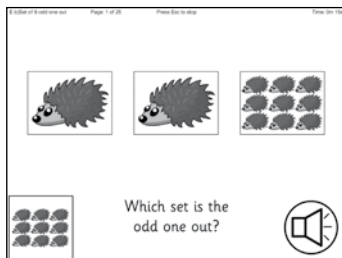
To make an activity easier, you can use the Prompt options to display the answer at the bottom of the screen.
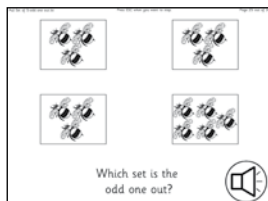
The Activities

Note on Activities A to F
These activities are an easy introduction to sets of objects 5 to 10, by repetition of the same set with the relevant spoken number as the reward. The activities have been made as simple as possible by making the correct answer obvious to the pupil.

Each activity comprises a different set ranging from five to ten objects. The relevant set has to be identified as the odd one out from a group of three boxed illustrations. The pupil should practice counting the objects before highlighting the correct choice box. The reward then states the number of objects in that set.

There are two versions of activities A to F which are labelled (a) and (b). In the (a) versions the question is always the same for those whose language understanding is limited, to prevent a barrier between the pupil and the mathematical concept being taught. The (b) versions vary the way the question is asked.

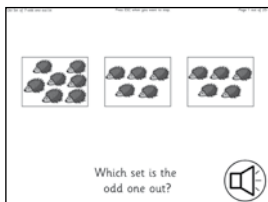### *A) Set of 5 - odd one out (Split into two activities, (a) and (b)) - 30 pages*

On each page the pupil chooses the set of 5 objects from a selection of three, then four sets of the same object. See **Note on Activities A to F** above.

B) Set of 6 - odd one out (split into two activities, (a) and (b)) - 30 pages
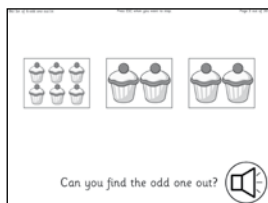
On each page the pupil chooses the set of 6 objects from a selection of three, then four sets of the same object. See **Note on Activities A to F** above.

C) Set of 7 - odd one out (split into two activities, (a) and (b)) - 25 pages

On each page the pupil chooses the set of 7 objects from a selection of three, then four sets of the same object. See **Note on Activities A to F** above.

D) Set of 8 - odd one out (split into two activities, (a) and (b)) - 25 pages

On each page the pupil chooses the set of 8 objects from a selection of three, then four sets of the same object. See **Note on Activities A to F** above.

E) Set of 9 - odd one out (split into two activities, (a) and (b)) - 25 pages

On each page the pupil chooses the set of 9 objects from a selection of three, then four sets of the same object. See **Note on Activities A to F** above.

F) Set of 10 - odd one out (split into two activities, (a) and (b)) - 25 pages

On each page the pupil chooses the set of 10 objects from a selection of three, then four sets of the same object. See **Note on Activities A to F** above.
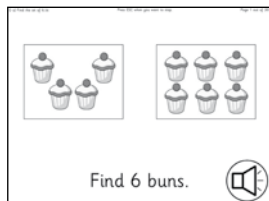
Note on Activities G to L
The following six activities (G to L) are designed to give the pupil practice in counting sets from 6 to 10. Practical counting activities could be experienced before and during these activities.

There are two versions of activities G to L which are labelled (a) and (b). In the (a) versions the question is always the same for

those whose language understanding is limited, to prevent a barrier between the pupil and the mathematical concept being taught. The (b) versions vary the way the question is asked.

G) Find the set of 6 (split into two activities, (a) and (b)) - 40 pages

On each page the pupil chooses the picture of 6 objects from a selection of sets of the same object. See **Note on Activities G to L** above.

H) Find the set of 7 (split into two activities, (a) and (b)) - 40 pages
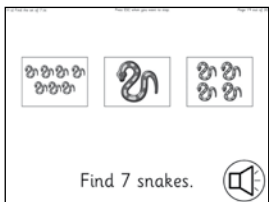
On each page the pupil chooses the picture of 7 objects from a selection of sets of the same object. See **Note on Activities G to L** above.

I) Find the set of 8 (split into two activities, (a) and (b)) - 40 pages

On each page the pupil chooses the picture of 8 objects from a selection of sets of the same object. See **Note on Activities G to L** above.

J) Find the set of 9 (split into two activities, (a) and (b)) - 40 pages

On each page the pupil chooses the picture of 9 objects from a selection of sets of the same object. See **Note on Activities G to L** above.

K) Find the set of 10 (split into two activities, (a) and (b)) - 40 pages

On each page the pupil chooses the picture of 10 objects from a selection of sets of the same object. See **Note on Activities G to L** above.

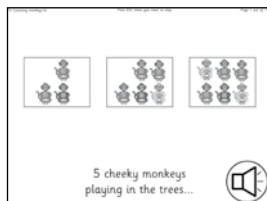### L) Find the sets of 6 to 10 (split into two activities, (a) and (b)) - 30 pages

This combines the concepts of the previous five activities to give the pupil practice in counting a selection of sets 6 to 10. The choice expands from two and three to four sets on each page as the activity progresses. See **Note on Activities G to L** above.

M) What number comes next? - 40 pages
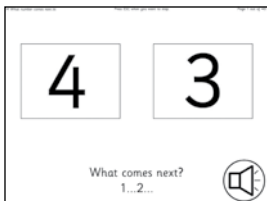
This is a rote counting activity with numbers 1 to 10. The pupil does not need to recognise the numerals, as they are spoken when highlighted. Number rhymes are a good introduction to this activity.
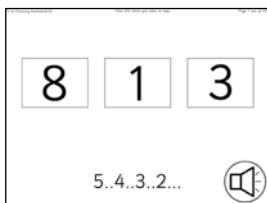
N) Counting monkeys - 12 pages

This is a number rhyme about monkeys going for a walk and the animals they meet on their journey. It is a counting activity with three choices on each page, using sets of five to ten objects.

O) Counting backwards (split into two activities, (a) and (b)) - 20 pages

This activity has been split into two.

Version (a) is the easier activity. A few numbers are given in a backwards sequence which leads the pupil into finding the next number as the answer. There are three choices on each page.
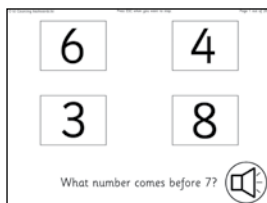
Version (b) takes the activity to the next stage. The pupil must choose the number that comes before the given number, from a choice of four answers on each page.

P) Recognise numerals (split into two activities, (a) and (b)) - 40 pages
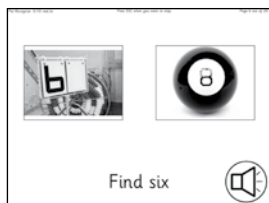
Version (a) of this activity uses photographs of numbers in the real world, whilst version (b) has plain numbers.

The pupil must recognise the number from the written and spoken instruction. Initially there is a choice of two answers, then as the pages progress there are three, then four, and finally six choices.

Q) More than - 40 pages
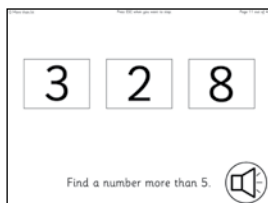
The pupil must find the number greater than the given number. As this activity progresses the pupil must choose from two, three, four and then six answers. From page 34 onwards there are two correct answers. Initially, use of a number line would aid the pupil to understand the concept.

R) Less than - 40 pages

The pupil must find a number that is less than the given number. As this activity progresses the pupil must choose from two, three, four and then six answers. From page 34 onwards there are two correct answers. Initially, use of a number line would aid the pupil to understand the concept.

S) Biggest number (split into two activities, (a) and (b)) - 40 pages
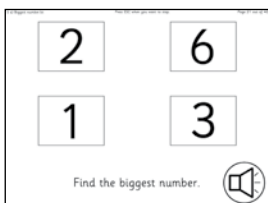
There are two versions of this activity. In both, the pupil must find the biggest number from a choice of two, three, four and then six numbers. Initially, use of a number line would aid the pupil to understand the concept.

In version (a) the question is always the same for those whose language understanding is limited, to prevent a barrier between the pupil and the mathematical concept being taught. In version (b) the phrasing of the question varies.

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T) Smallest number (split into two activities, (a) and (b)) - 40 pages

There are two versions of this activity. In both, the pupil must find the biggest number from a choice of two, three, four and then six numbers. Initially, use of a number line would aid the pupil to understand the concept.

In version (a) the question is always the same for those whose language understanding is limited, to prevent a barrier between the pupil and the mathematical concept being taught. In version (b) the phrasing of the question varies.

U) Read written numbers - 50 pages

In this activity the pupil must read the number name. The first twenty pages of this activity use numbers 0 to 5 with three, four and six choices of answers. The following twenty pages concentrate on numbers 6 to 10, then the final ten pages uses all the numbers 0 to 10.
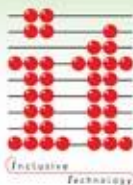
V) Addition to 5 - 30 pages
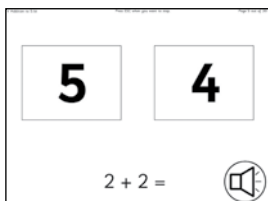
Here is a selection of additions using numbers 0 to 5 with two, three and then four choices of answers. The reward gives the correct answer.

W) Addition to 10 - 40 pages

Here is a selection of additions using numbers 0 to 10 with two, three and then four choices of answers. The reward gives the correct answer.

Notes

ChooseIt!
Ready-mades

NUMERACY
5 to 10

A set of 23 multiple-choice activities covering numbers from 5 to 10, including comparing quantities, recognising sets, rote counting, numerals and simple addition.

Full speech support for non-readers. For use as a teaching aid or an assessment tool. Records student performance. Clear and consistent presentation. Suitable for interactive whiteboards. Switch access support for learners with disabilities.

8   1   3

5..4..3..2..

Find 7 snakes.