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D.A.V. College Managing Committee
Chitragupta Road, New Delhi-110055

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FUN with Maths

CLASS - LKG



Fun with Maths

(Class-LKG)

D.A.V. Publication Division
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Chitragupta Road, New Delhi-110055

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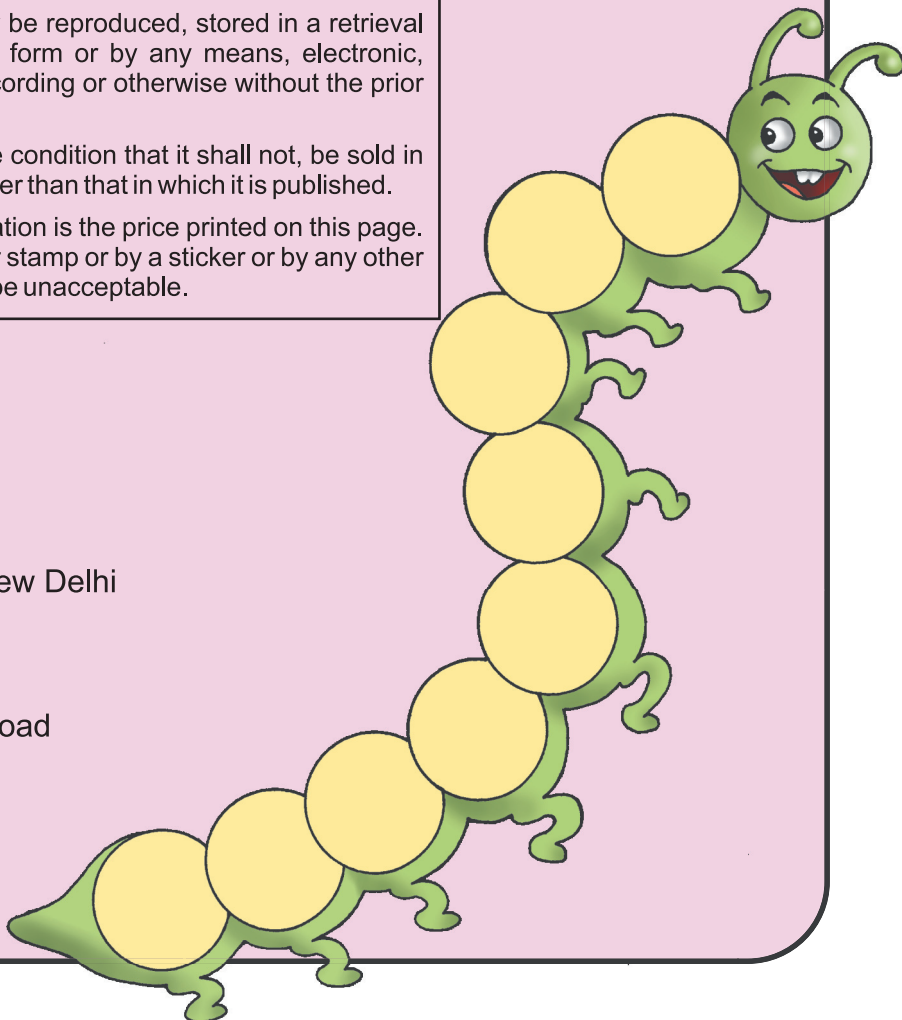
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FOREWORD

D.A.V. College Managing Committee has taken an innovative step by developing a curriculum for Pre-primary Classes. As is well-known, the Pre-primary section of the D.A.V. Public Schools provides a learning experience for young children which fully promotes their development. It aims at a broad-based Educational Foundation which will prepare children for Primary Classes. The curriculum has been so designed as to help children grow physically, socially, emotionally and intellectually.

Learning by doing and playway methods are infact, universally recognised methods for the teachers to help the children learn and grow. It is, therefore, natural that the use of books is minimised. But keeping in view the handicaps and the shortcomings of our schools which are functioning in the far-flung areas of our country, it is necessary to provide teachers with some kind of tools to help them achieve the objectives of this curriculum. Books are the only tools to make the implementation effective. Therefore, the books that have been developed in the light of the new curriculum are packages of instructional material meant to help the teachers. The emphasis is on encouraging the children to cultivate various skills.

The get-up and format of this book have been finalised in the meetings of the Curriculum Sub-Committee and the working group of experienced Pre-primary teachers formulated by the D.A.V. Centre for Academic Excellence for this purpose.

I am thankful to all those members, who in one or the other form, helped us in the development of this book.

I would welcome suggestions from our teachers and parents for further improvement of this book in order to make it more useful and fruitful for our children.

Director, Publication



FOR THE TEACHERS

For the first time, through this book, we are introducing the children to various mathematical concepts. We, as teachers, need to be convinced that children are introduced to mathematics primarily for developing their cognitive skills. So having just the mastery in writing number symbols, such as 1, 2, 3,..... is not of much importance at this stage.

In this book, we have tried to slowly graduate children from pre-mathematical concepts to mathematical concepts. The activities have been designed in such a manner that the child learns these concepts gradually without forcing him/her to do so. On many pages, instructions for teachers are given. We suggest that the teacher must read the same so that an appropriate technique and material is used in order to reinforce the child's understanding of the concepts presented in the book.

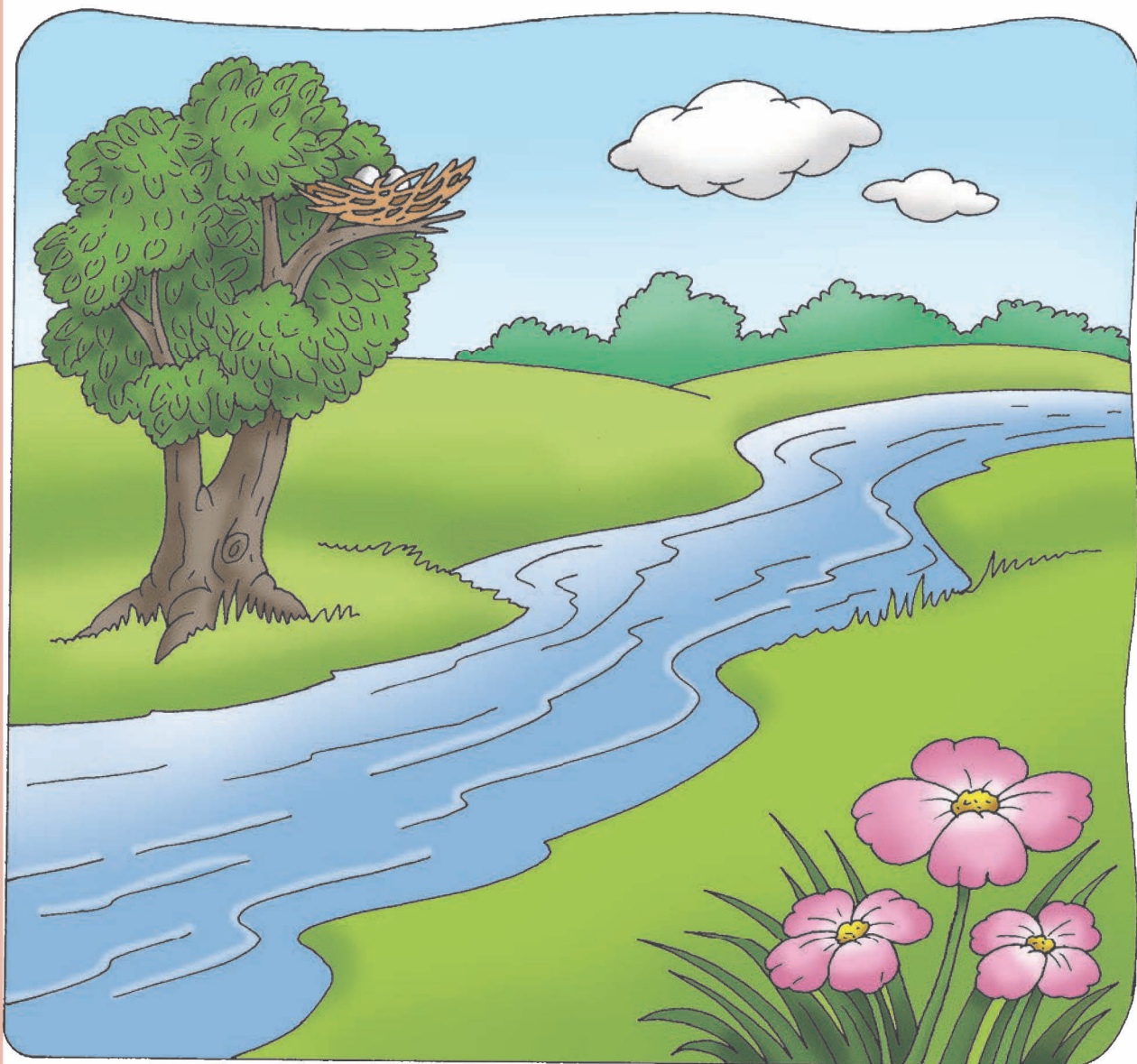
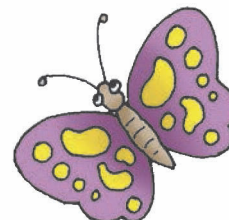
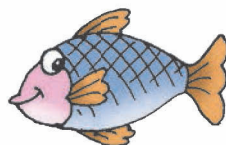
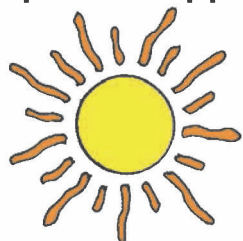
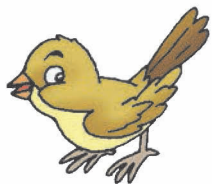
With its lovely illustrations and activity pages, the book aims to stimulate the imagination of the child at the very start of the journey into mathematics.

Dr Nisha Peshin
Director (Academics)



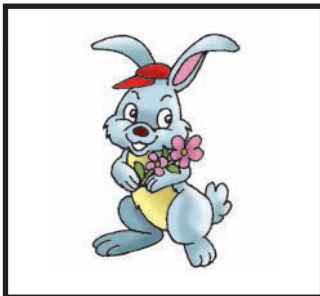
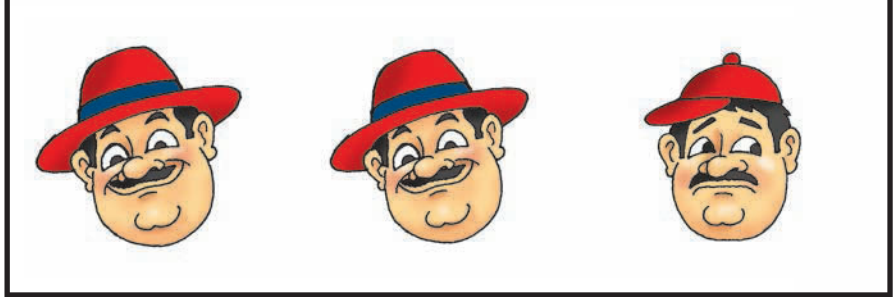
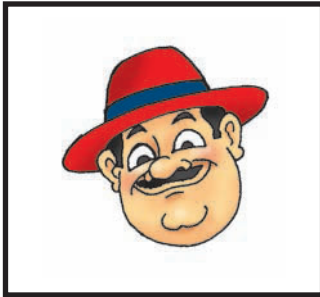
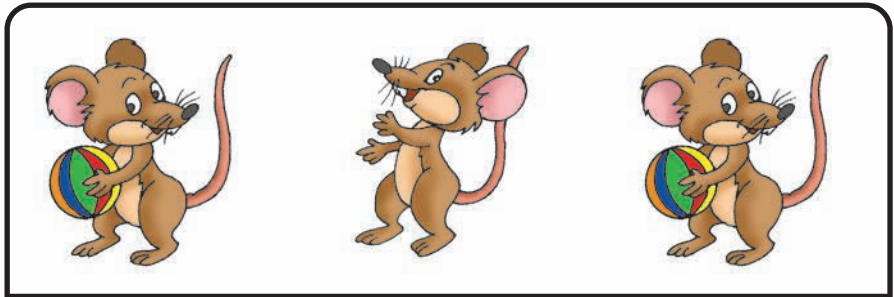
SORT & MATCH

Using a line put the appropriate picture in its correct place.



SORTING

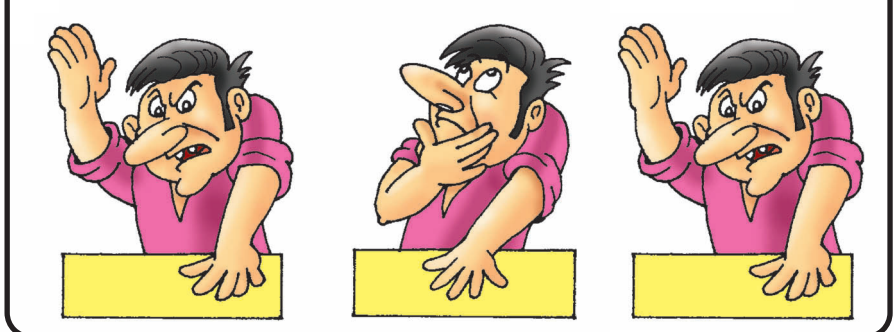
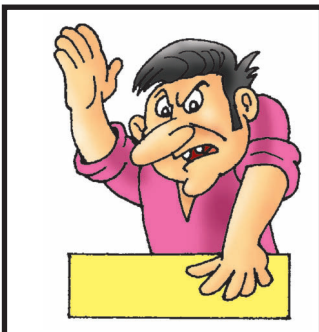
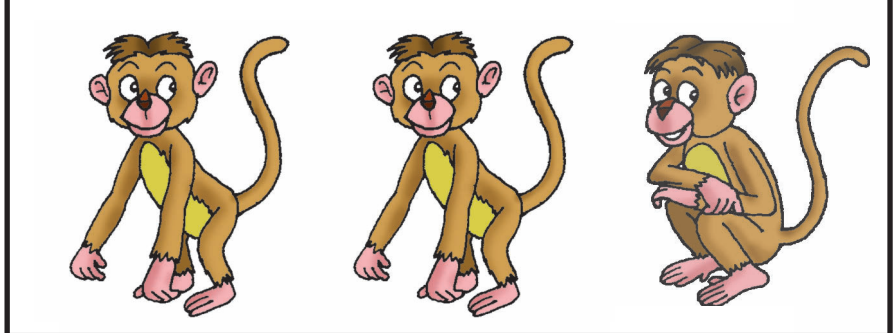
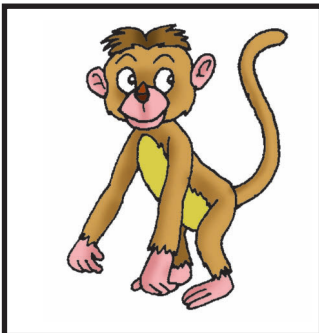
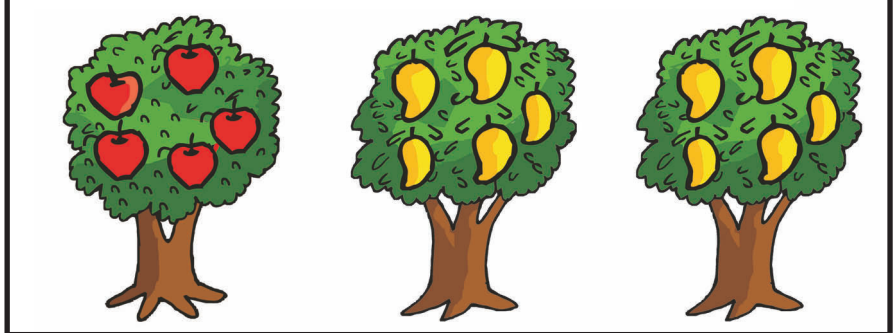
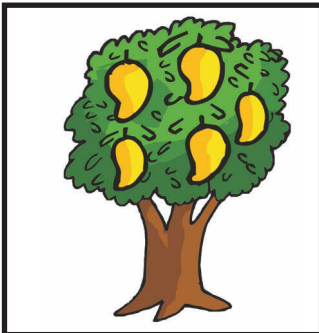
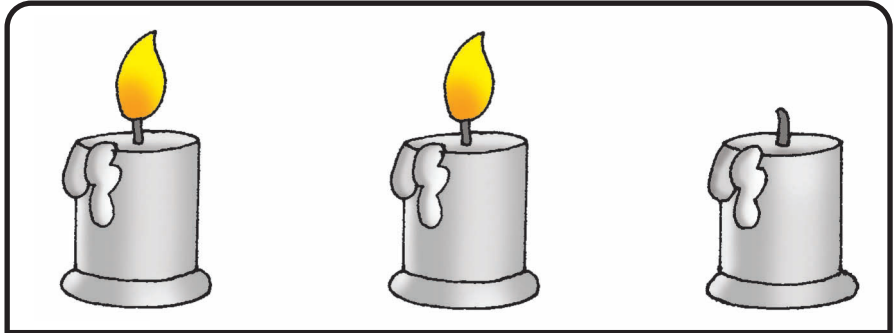
Encircle the ones that are same as that in the box.



FOR THE TEACHER: Design and use more activities and worksheets for the concept of 'Sorting'.

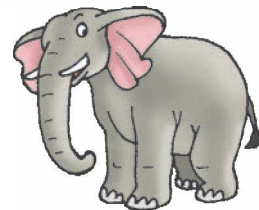
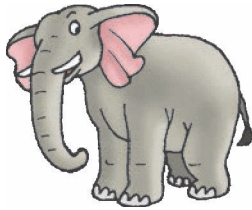
SORTING

Put a (X) on the one that is different.



MATCHING

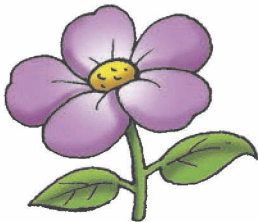
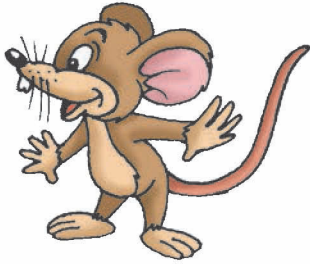
Match the ones that look alike.



FOR THE TEACHER: Design and use more activities and worksheets for the concept of 'Matching'.

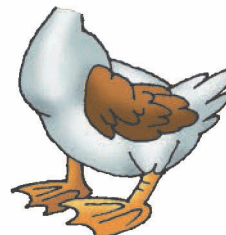
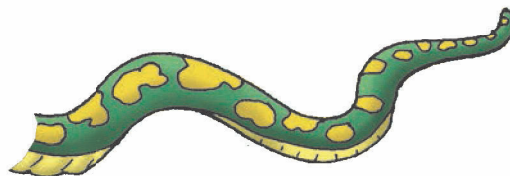
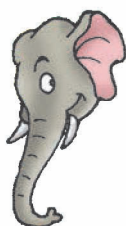
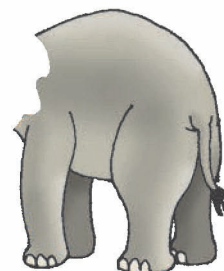
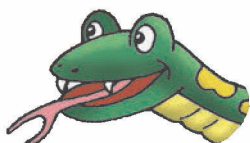
MATCHING

Match the objects to its shadow.



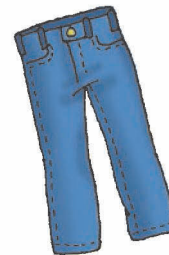
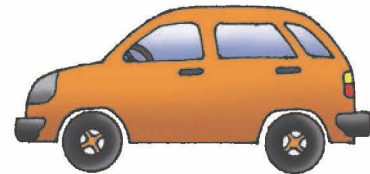
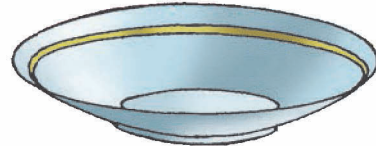
MATCHING

Join each head to its body.



RELATIONSHIP

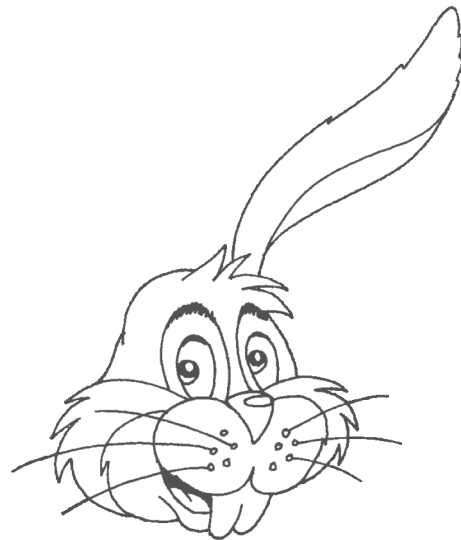
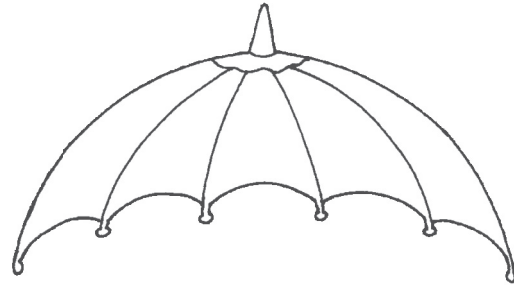
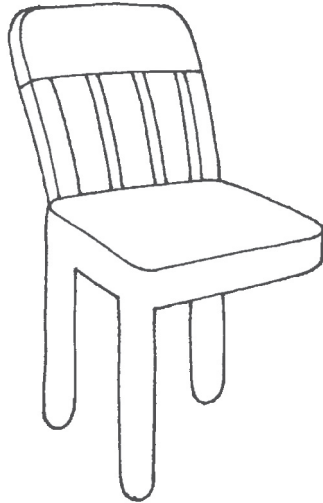
Match the objects that go together.



FOR THE TEACHER: Take objects that go together like socks and shoes, spoons and forks etc. Give the children at least two such sets of objects mixed together and ask them to make pairs.

WHAT IS MISSING?

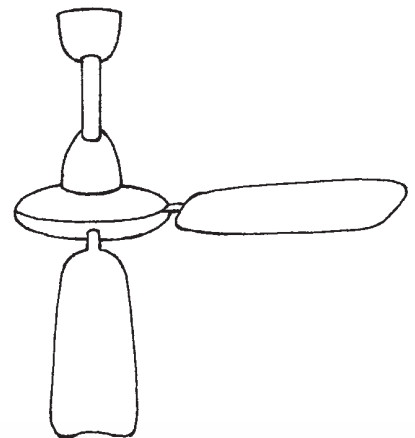
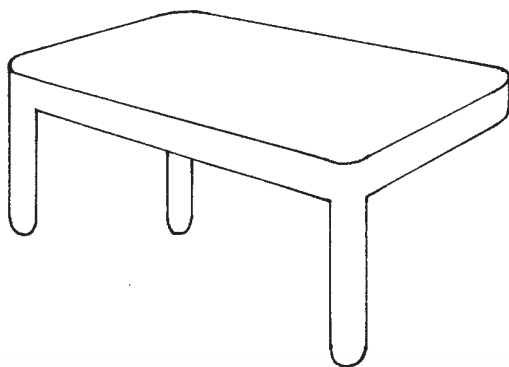
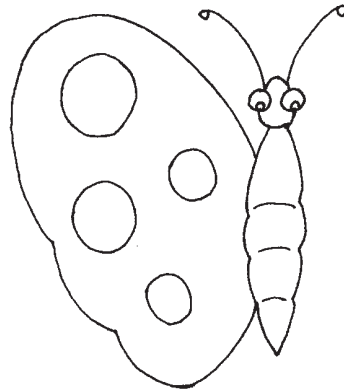
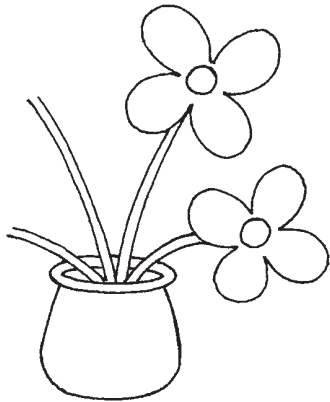
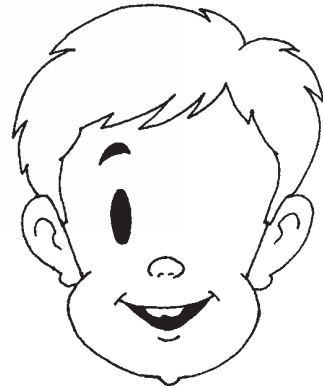
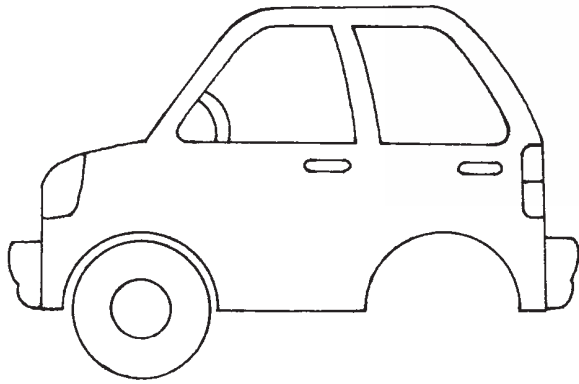
Draw and colour the missing part.



FOR THE TEACHER: Design and use more activities and worksheets for the concept of 'What is missing?'.

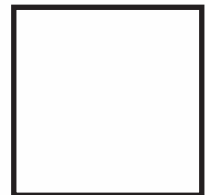
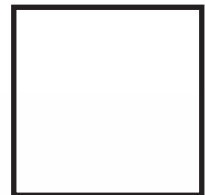
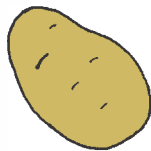
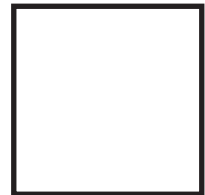
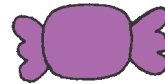
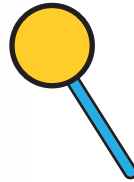
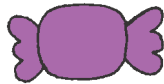
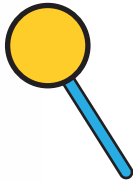
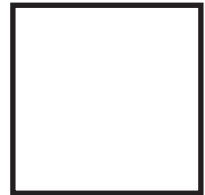
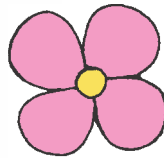
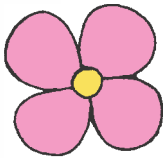
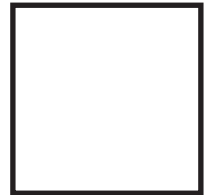
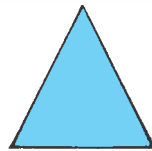
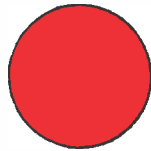
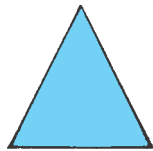
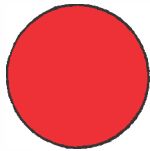
WHAT IS MISSING?

Draw what is missing in each picture and colour them.



SEQUENCING

Complete the pattern by drawing the correct picture in the box.

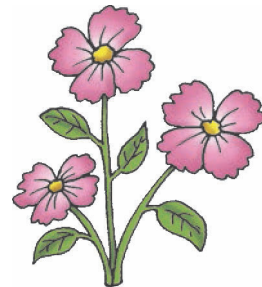
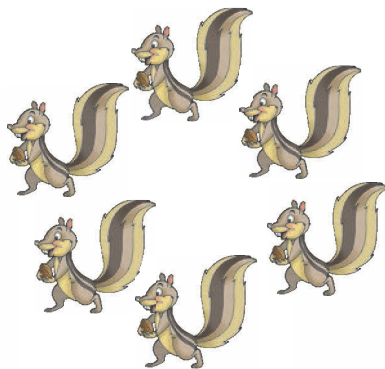
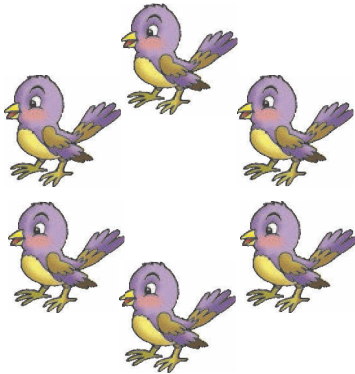
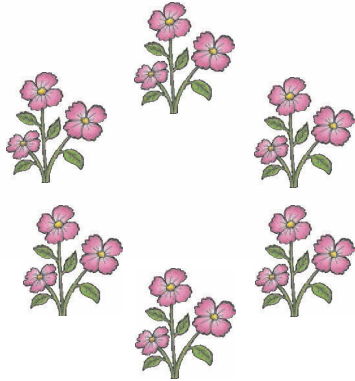


FOR THE TEACHER: Use real classroom objects to give practice for sequencing e.g. pebbles and leaves, pencils and erasers, crayons, chalks etc.

CLASSIFICATION

Circle all the groups.

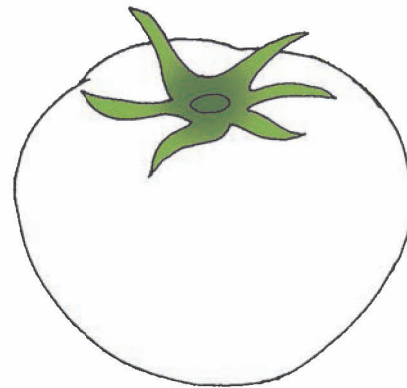
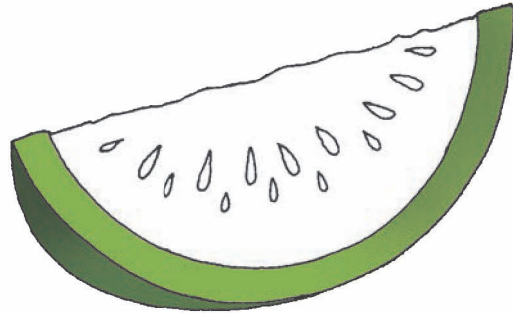
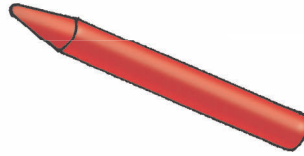
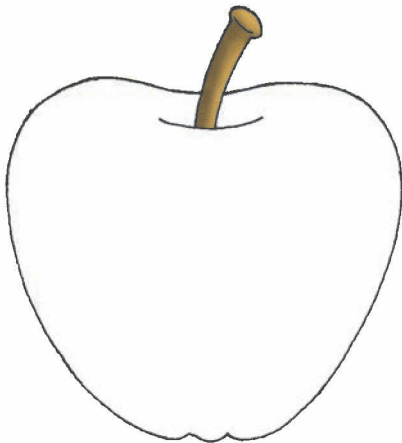
Put each picture in the correct group by joining.



FOR THE TEACHER: Design and use more activities and worksheets for the concept of 'Classification'.

COLOUR : RED

Colour these things red.

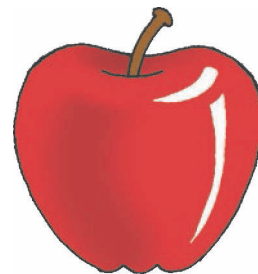
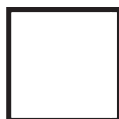
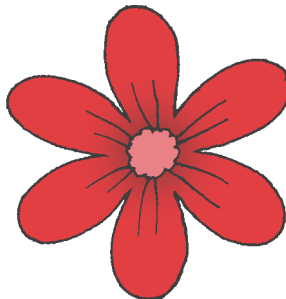
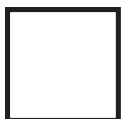
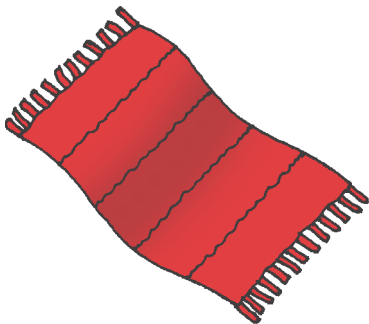
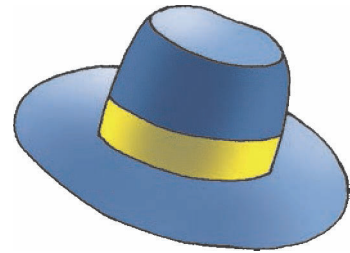
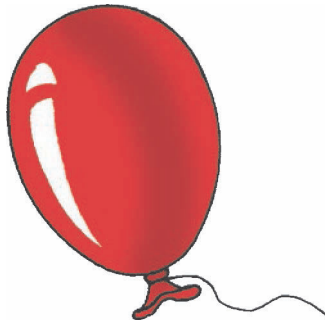
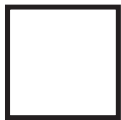
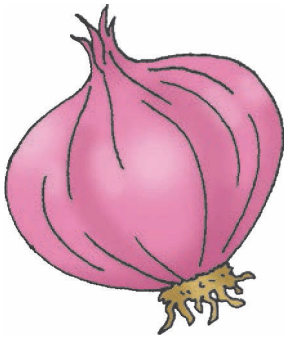


FOR THE TEACHER: Decorate your classroom with red coloured things today. Ask your children to wear clothes of red colour. You can do the same. Point out red colour to them.

COLOUR HUNT

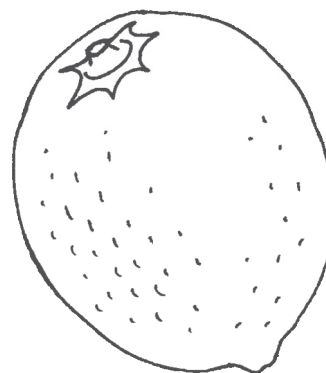
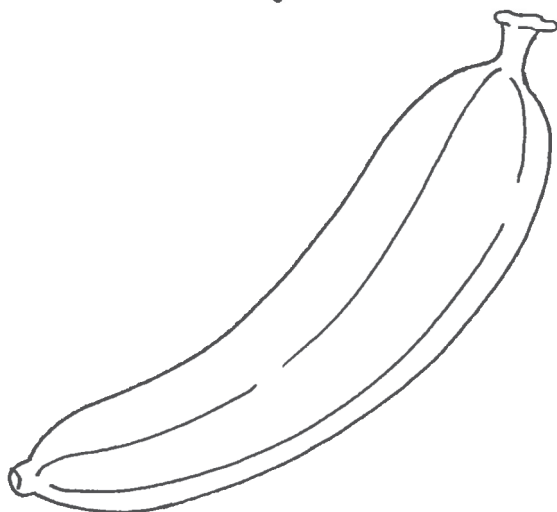
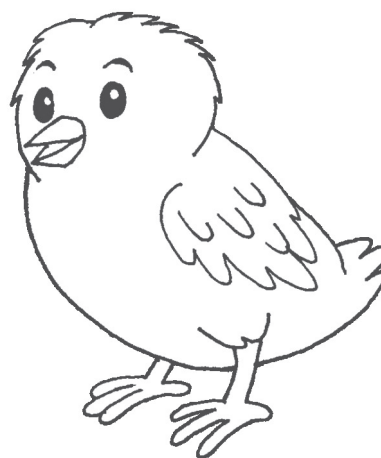
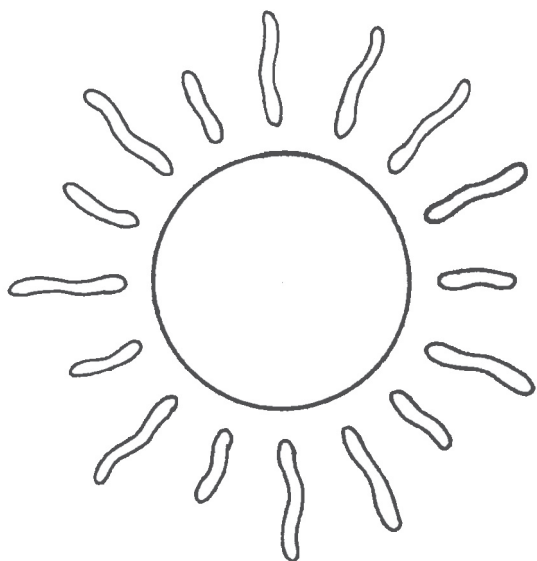
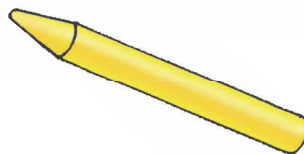
Children, go home and look for things that are red in colour. Bring any one red coloured thing to class. Remember to tell your teacher the names of all the red things you find.

Colour each box below the red objects.



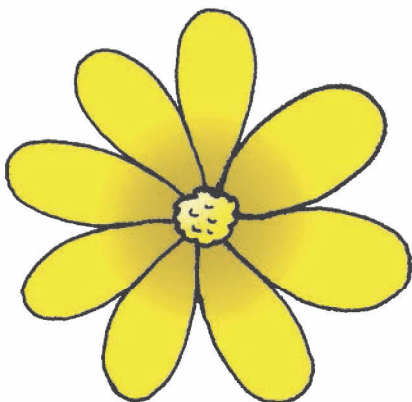
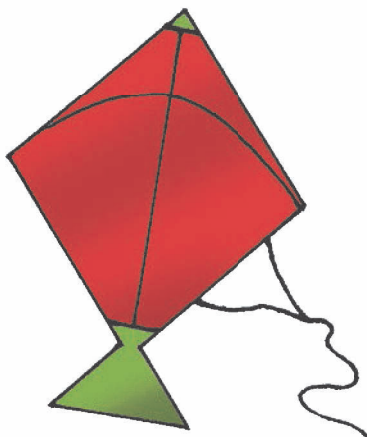
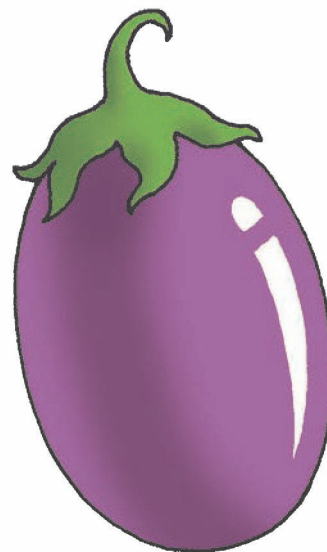
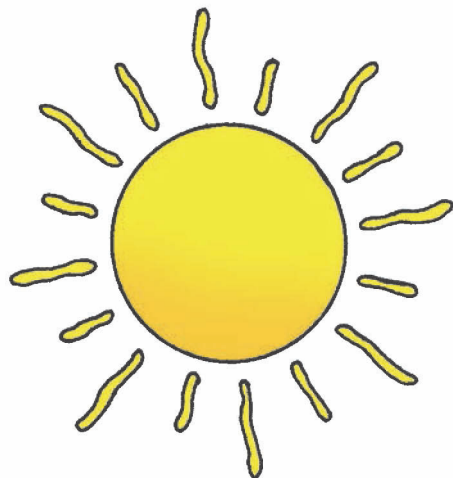
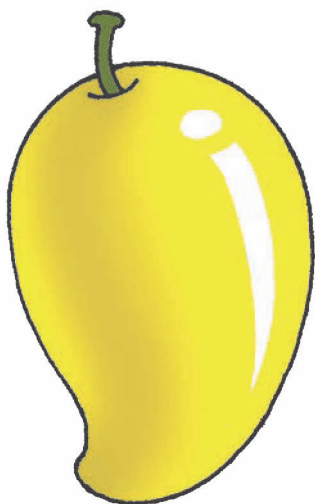
COLOUR : YELLOW

Colour these things yellow.



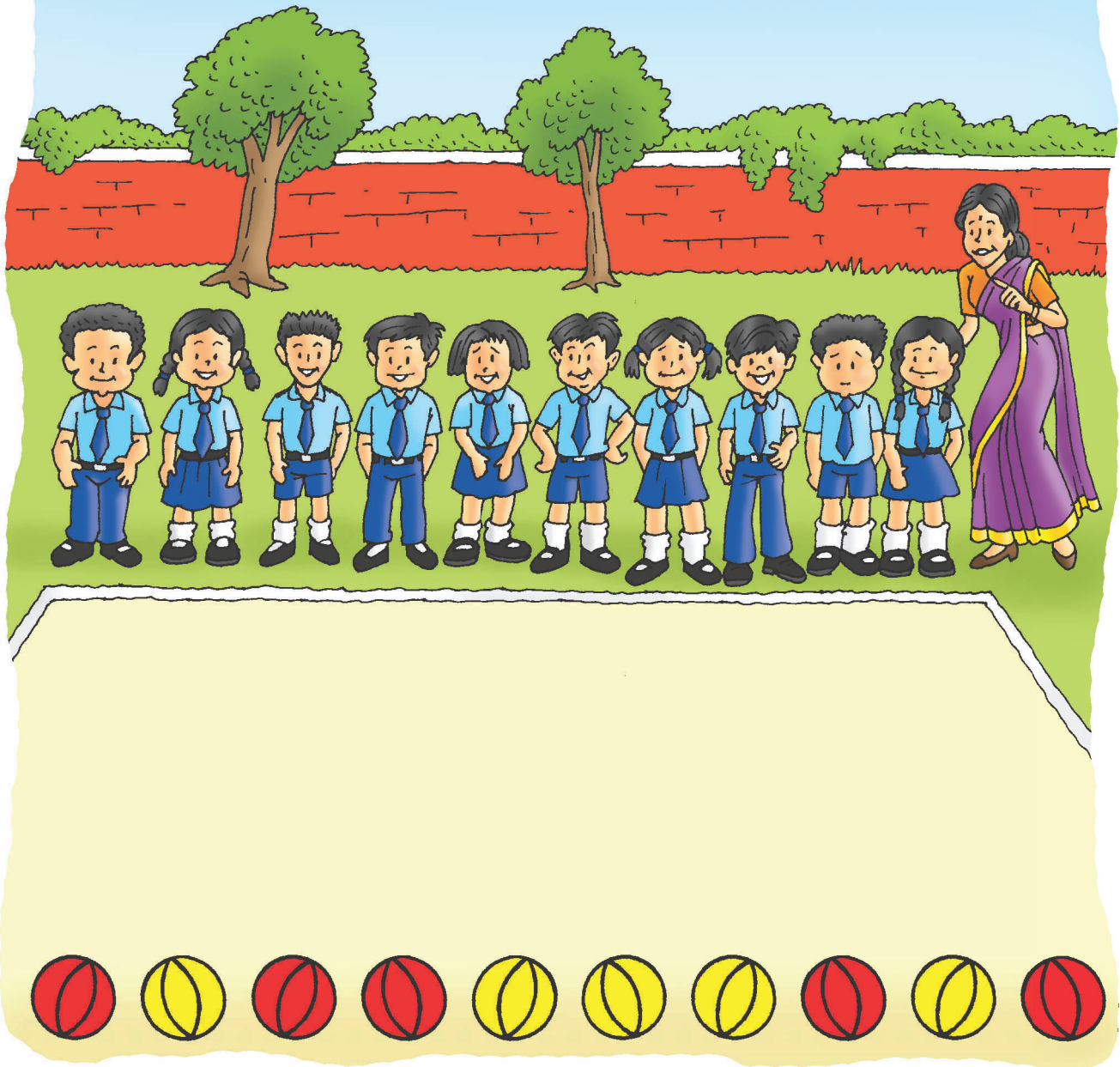
FOR THE TEACHER: Decorate your classroom with yellow coloured things today. Ask your children to wear clothes of yellow colour. You can do the same. Point out yellow colour to them.

Put a (X) on the things that are **not** yellow.



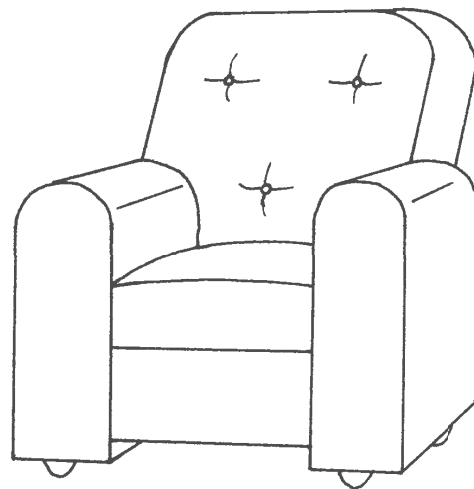
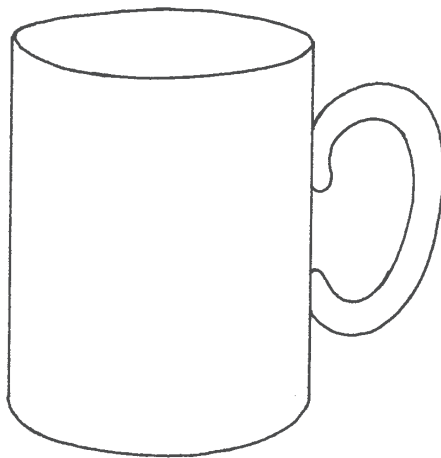
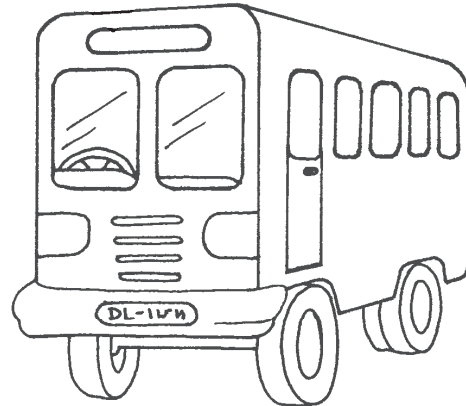
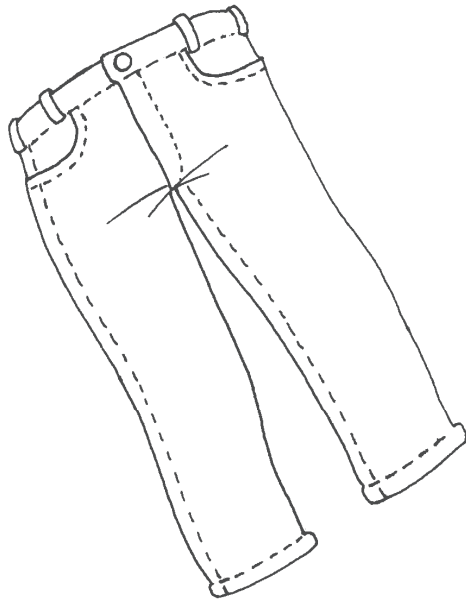
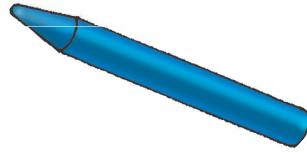
COLOUR RACE

TEACHER: Arrange 5 red and 5 yellow objects in a line on the playfield. Line up ten of your children for a race. Call out a colour (either red or yellow). The child who brings an object of the asked colour first is the winner. See that all the children get a chance to participate.



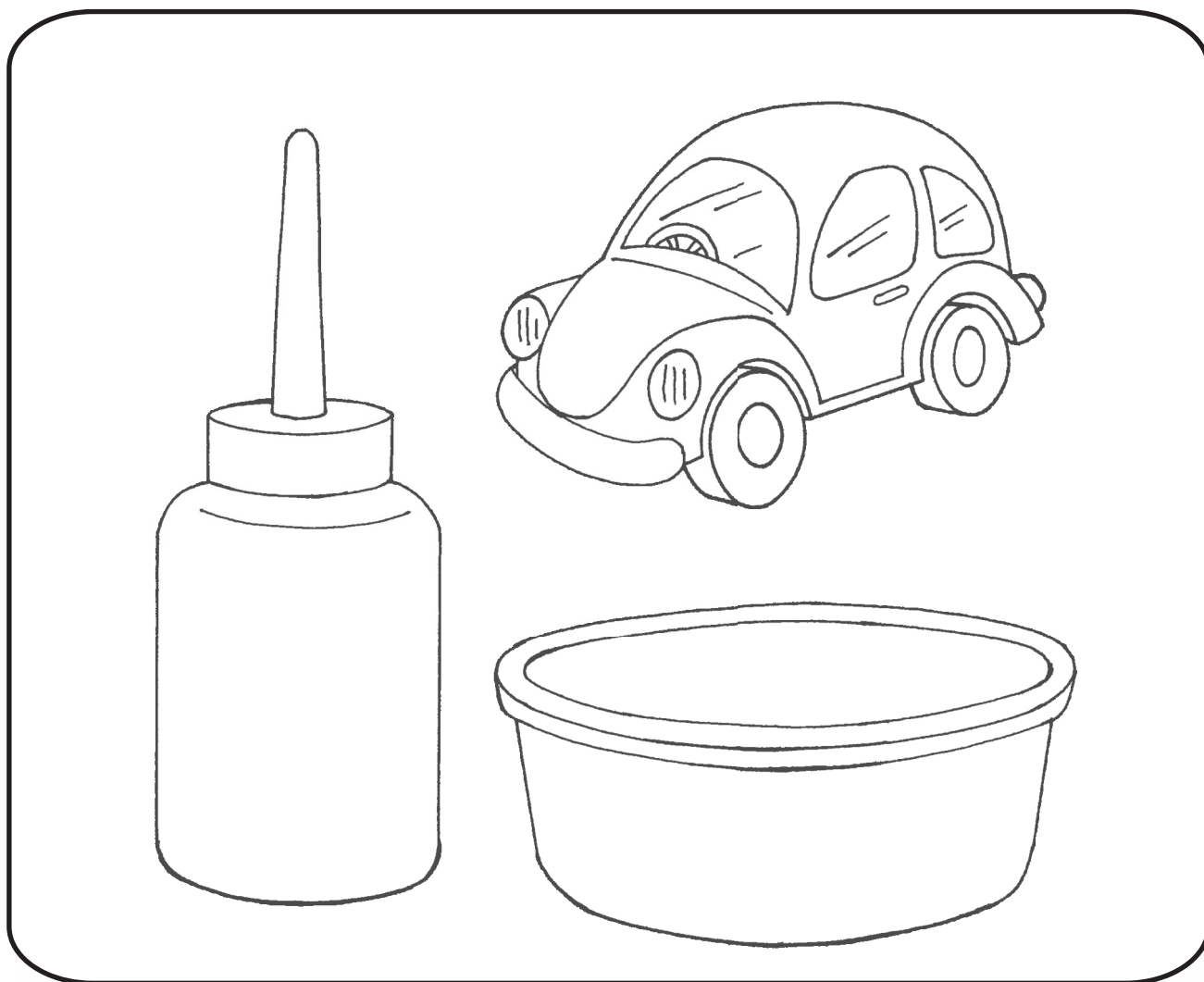
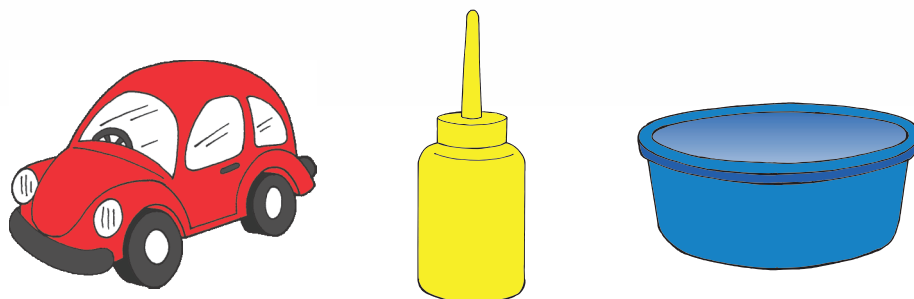
COLOUR : BLUE

Colour these things blue.



FOR THE TEACHER: Decorate your classroom with blue coloured things today. Ask your children to wear blue coloured clothes. You can do the same. Point out blue colour to them. Later you can send them on a colour hunt. You may even organise a colour race.

Colour the objects as per the example.



FOR THE TEACHER: Ask the children to fill the appropriate colour in each object.

Colour the cap on each clown to match his dress.



LOOK AND COLOUR

