

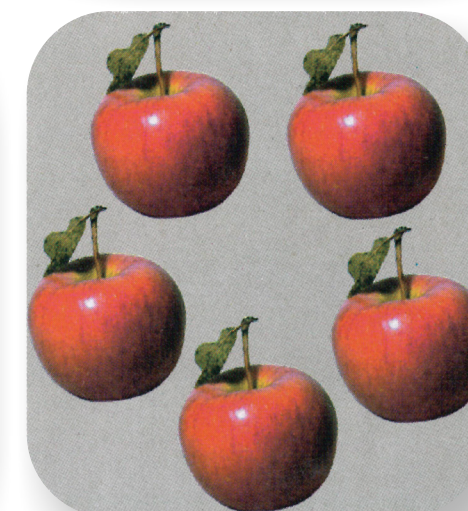


D.A.V. Publication Division
D.A.V. College Managing Committee
Chitragupta Road, New Delhi-110055



Kindergarten

MATHEMATICS



+4 to +5 years

Kindergarten MATHEMATICS

Class-UKG



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

Concept
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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 building 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, in fact, universally recognised methods for the teachers to help the children learn and grow. It is, therefore, natural that the use of books is minimised. Since D.A.V. schools are functioning in the far-flung areas of our country, it is necessary to provide the 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 various meetings of the Curriculum Sub-Committee and working group of experienced 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, have 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.

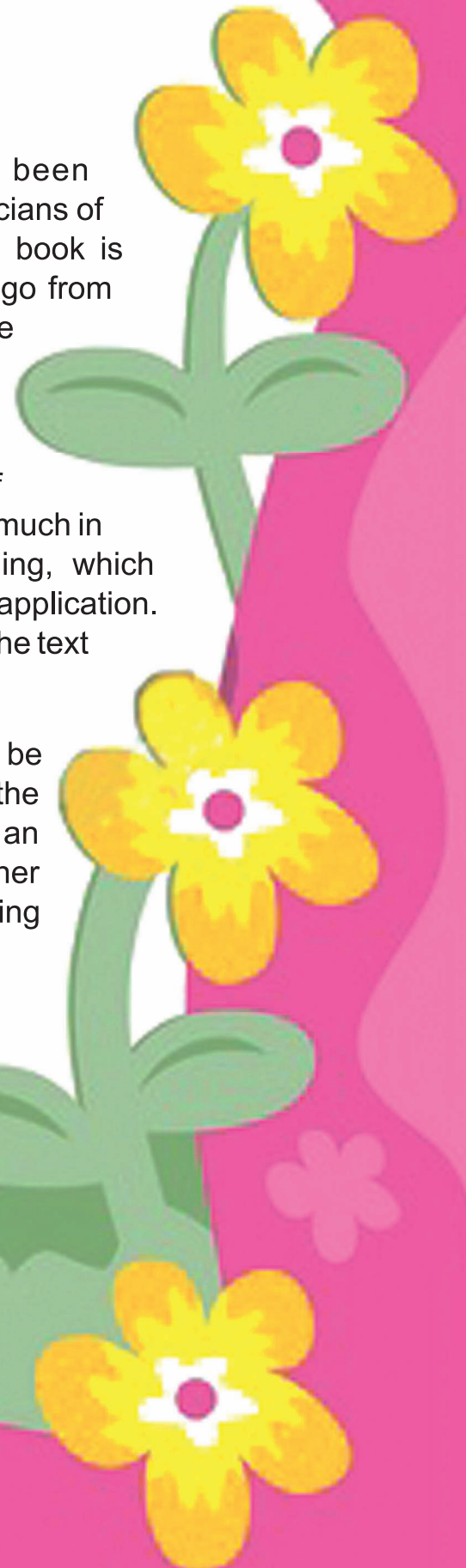
Director, Publication

DEAR TEACHER

Kindergarten Mathematics book has been especially designed for the young mathematicians of today's fast changing world. The flow of the book is designed in such a manner so that the concepts go from simple to complex. The activities and worksheets have been designed in such a manner that the child learns these concepts gradually without forcing him or her to do so. With its lively illustrations, the book aims to stimulate the imagination of the child at the very start of his or her journey into maths concepts. The book is very much in line with modern approaches of Mathematics teaching, which emphasise play, activity, experimentation and practical application. It also combines the functions of a work book along with the text book.

While teaching, appropriate teaching aids may be used, which will reinforce the child's understanding of the concept presented in the book. It will also provide an additional opportunity for communication between teacher and pupil which can augment the teaching-learning process.

Dr (Mrs) Nisha Peshin
Director (Academics)



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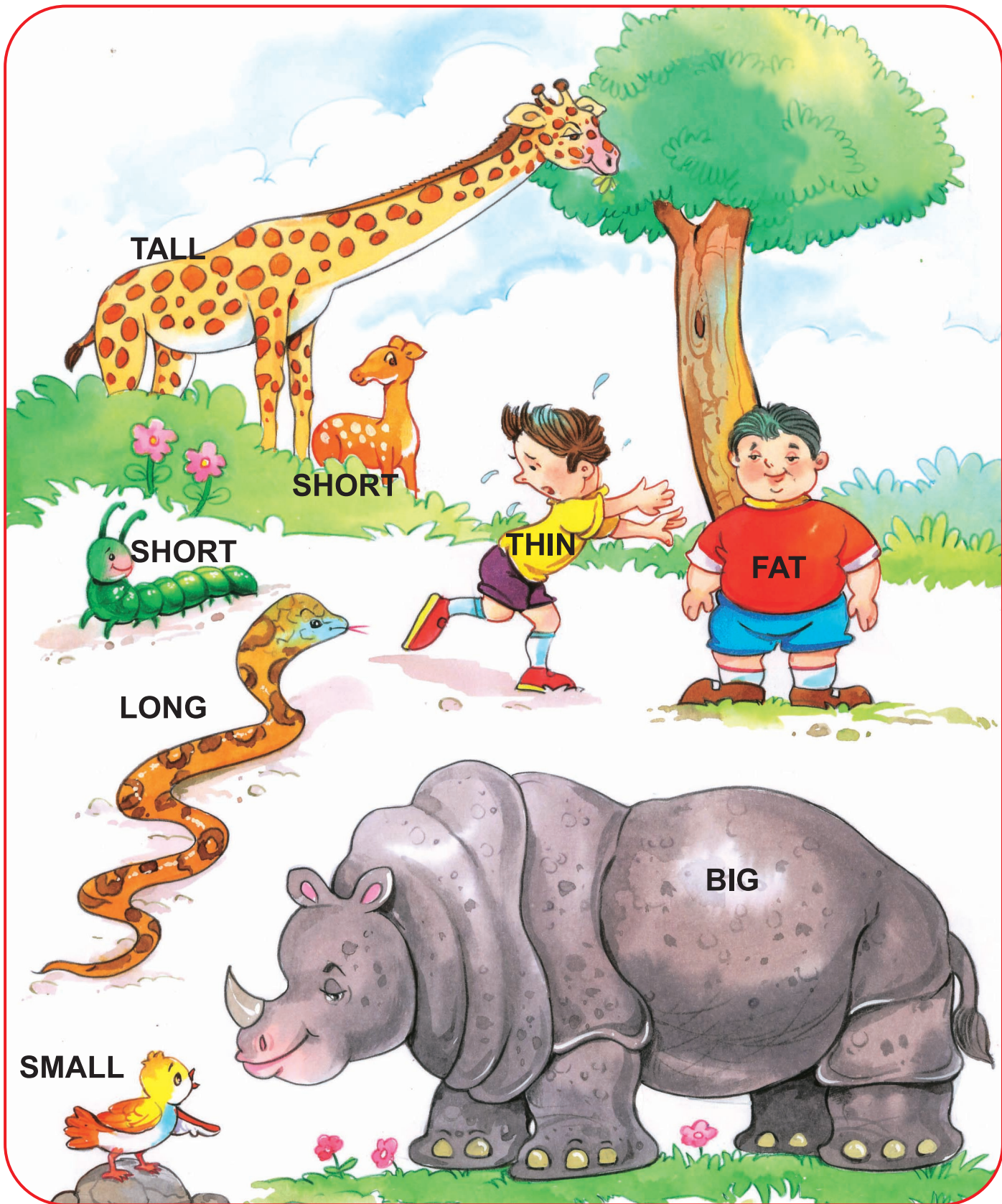
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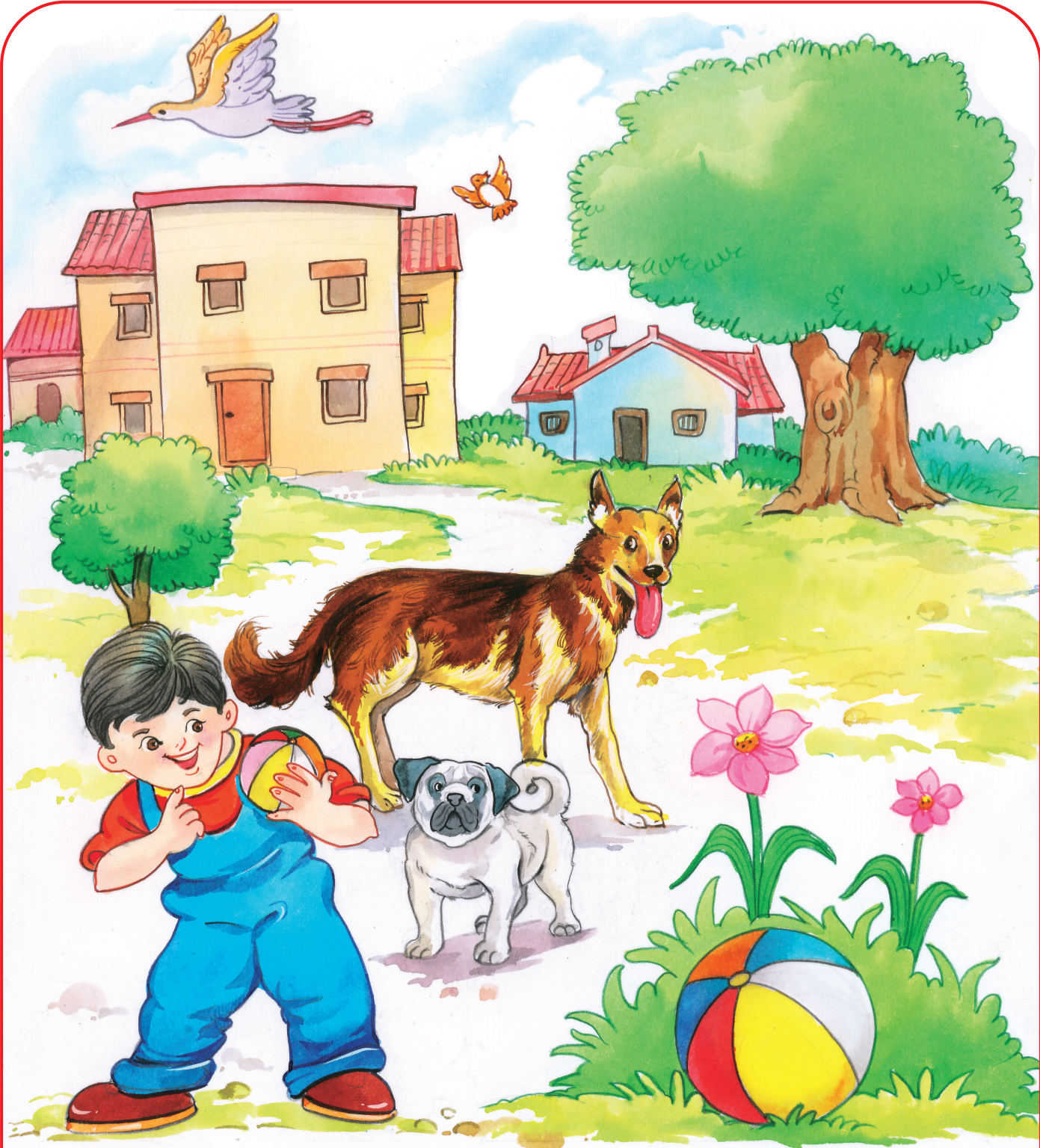
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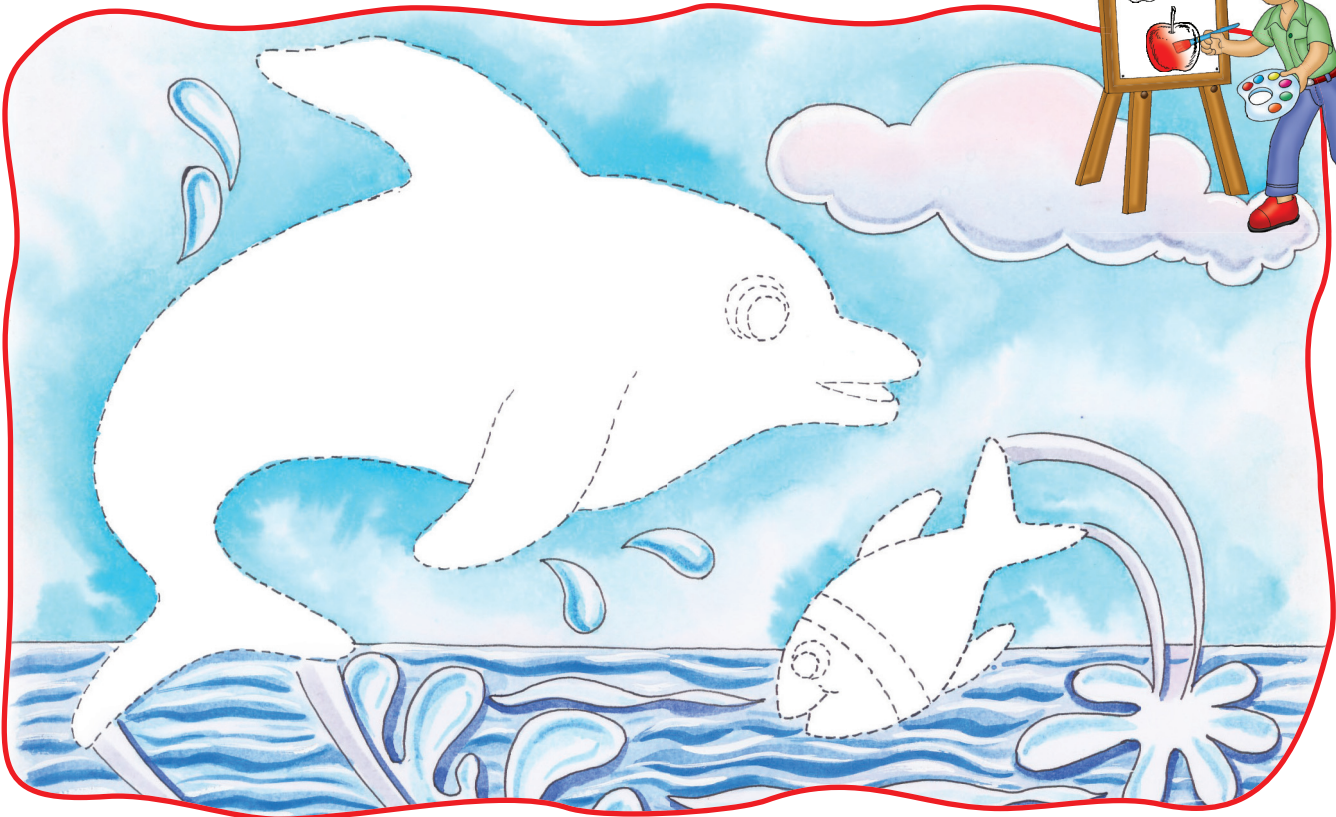
Big and Small



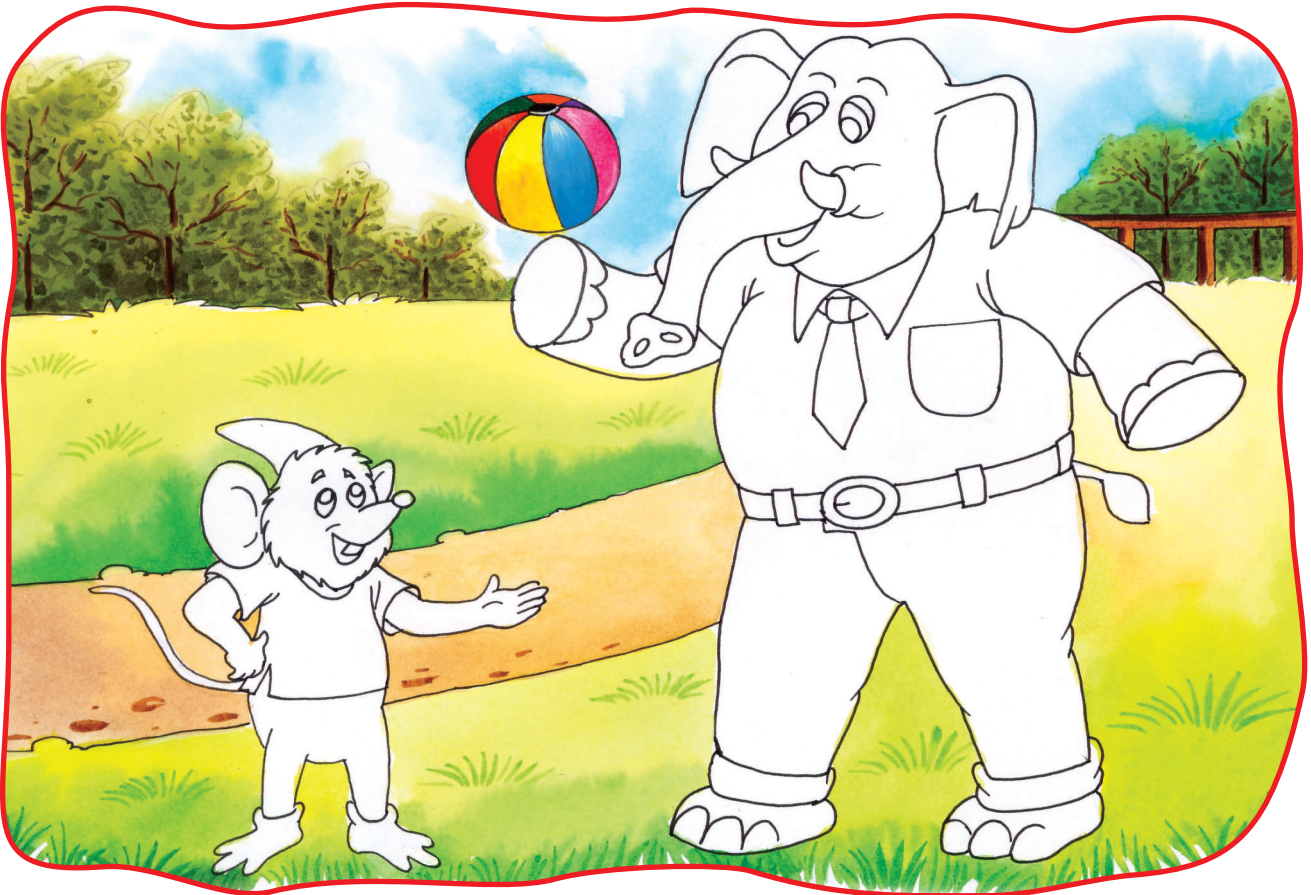
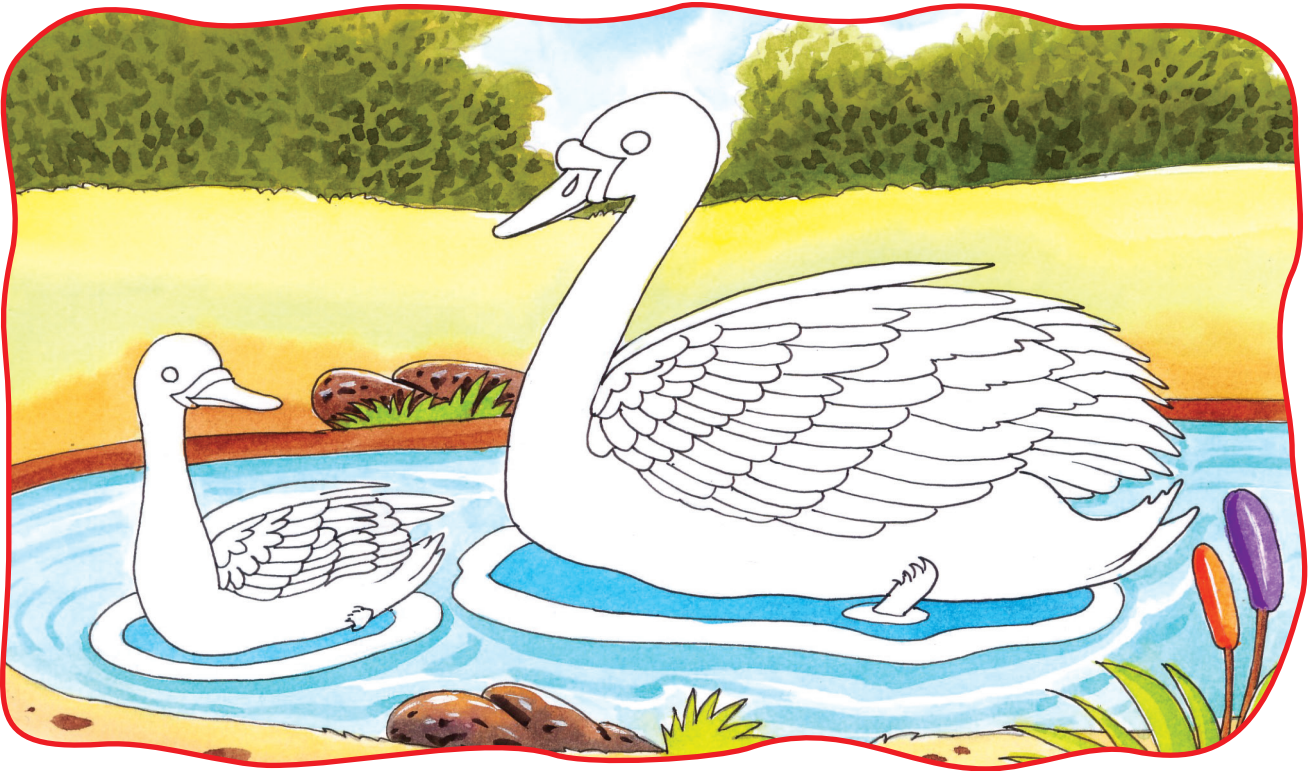
Trees, Houses, Dogs, Birds, Balls, Flowers

For the teacher : Explain the concept first (with the help of classroom situation). Then ask the children to identify big and small objects.

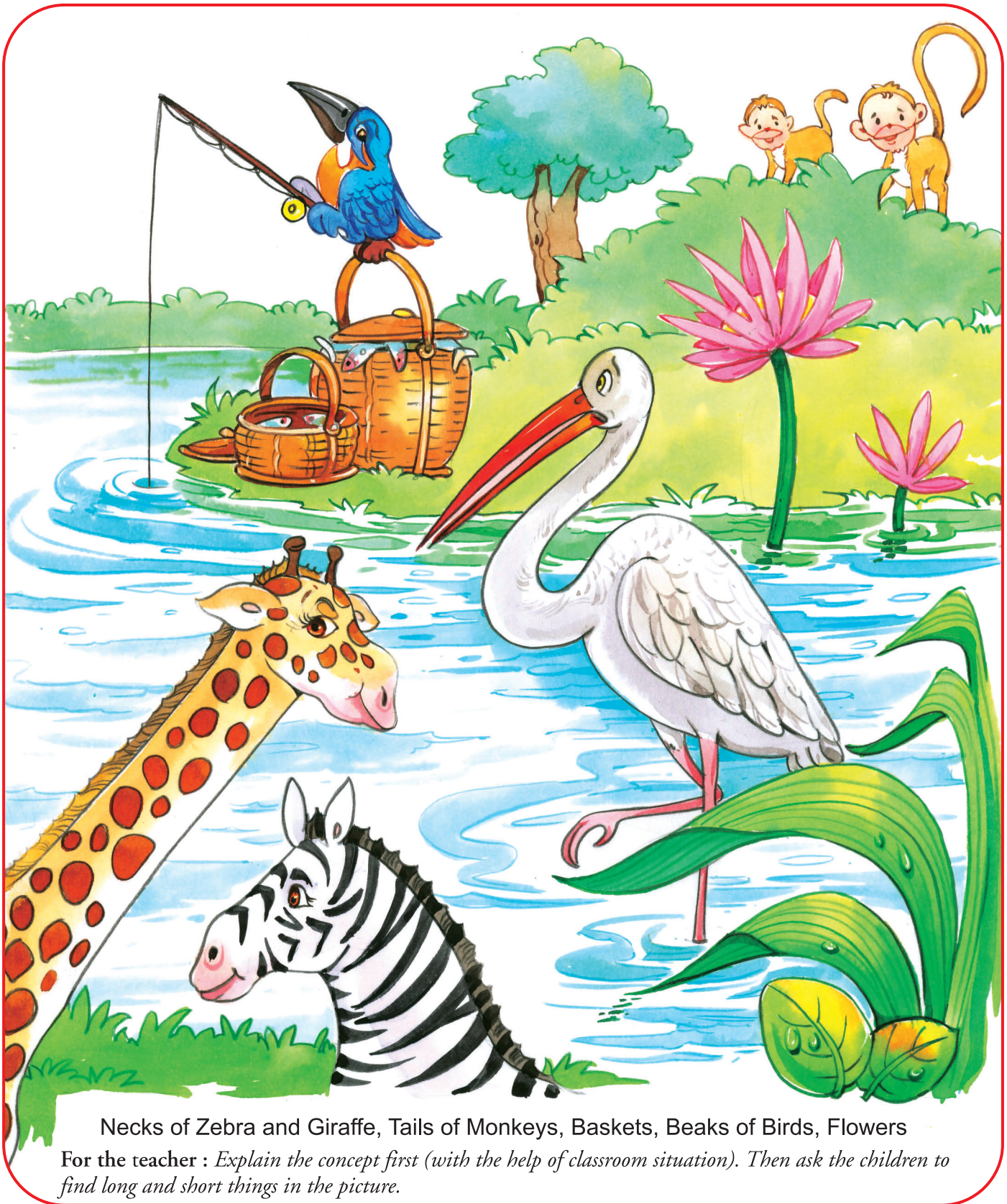
Trace and colour the big ones.



Colour the small ones.



Long and Short



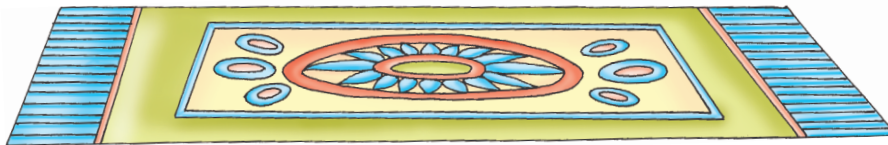
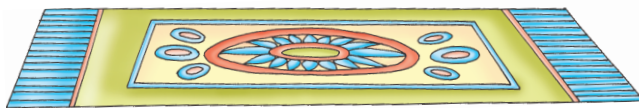
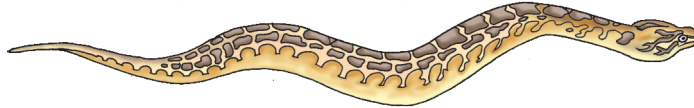
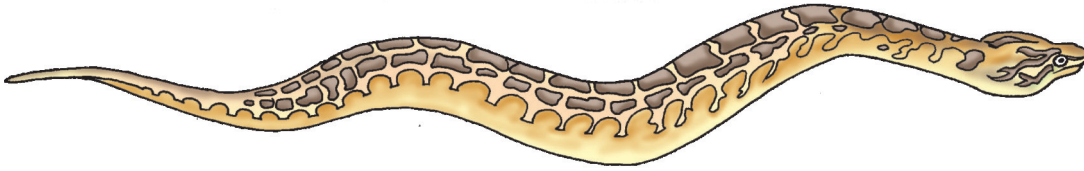
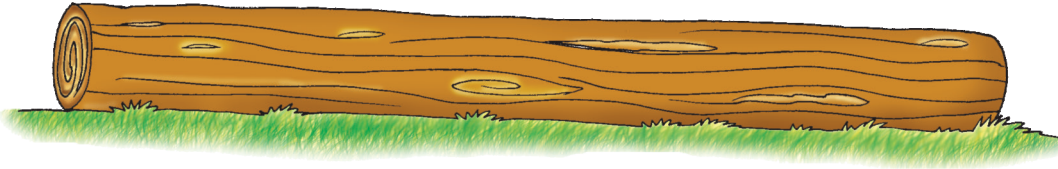
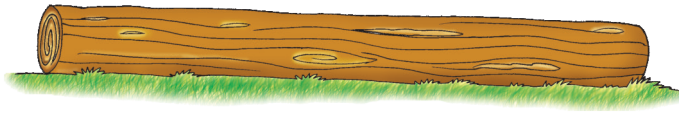
Necks of Zebra and Giraffe, Tails of Monkeys, Baskets, Beaks of Birds, Flowers

For the teacher : Explain the concept first (with the help of classroom situation). Then ask the children to find long and short things in the picture.

Colour the longer ones in yellow.



See the pictures carefully. Tick (✓) only the short objects.



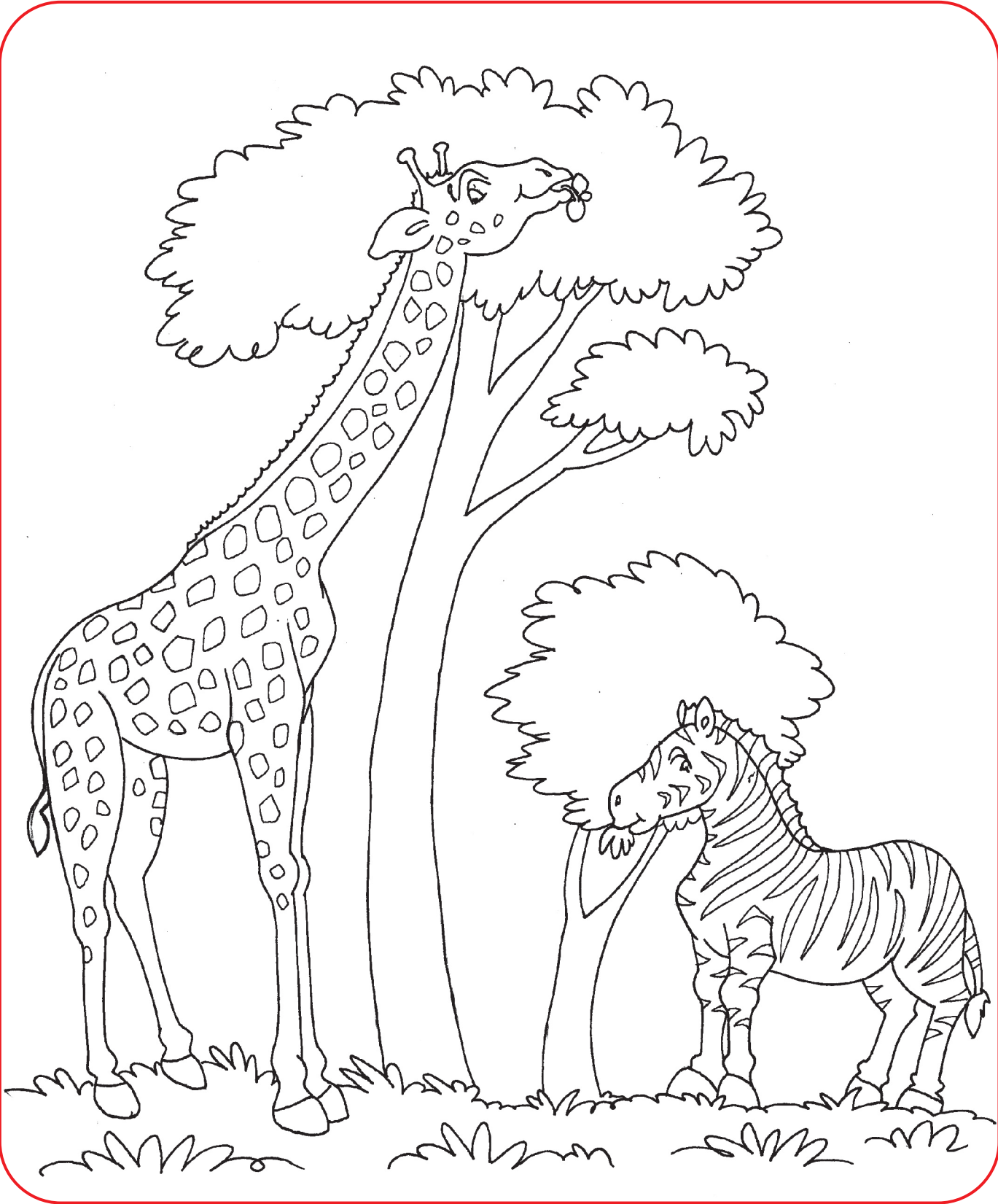
Tall and Short



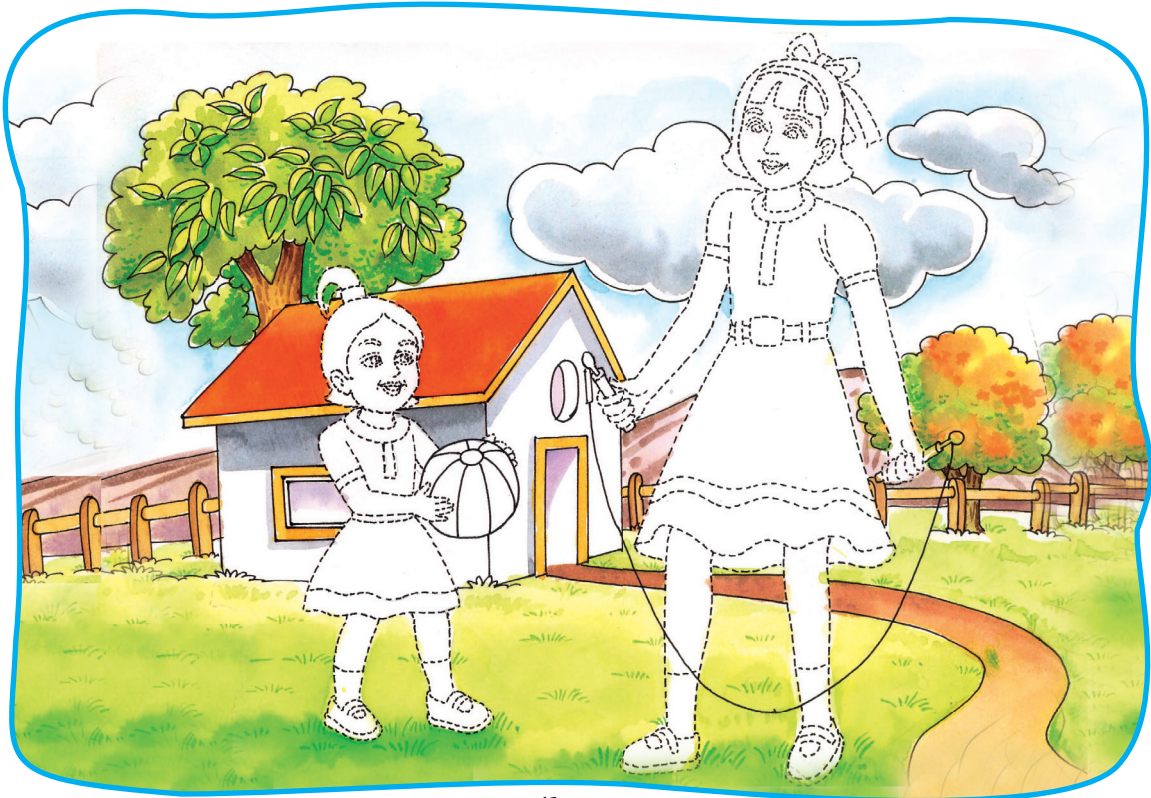
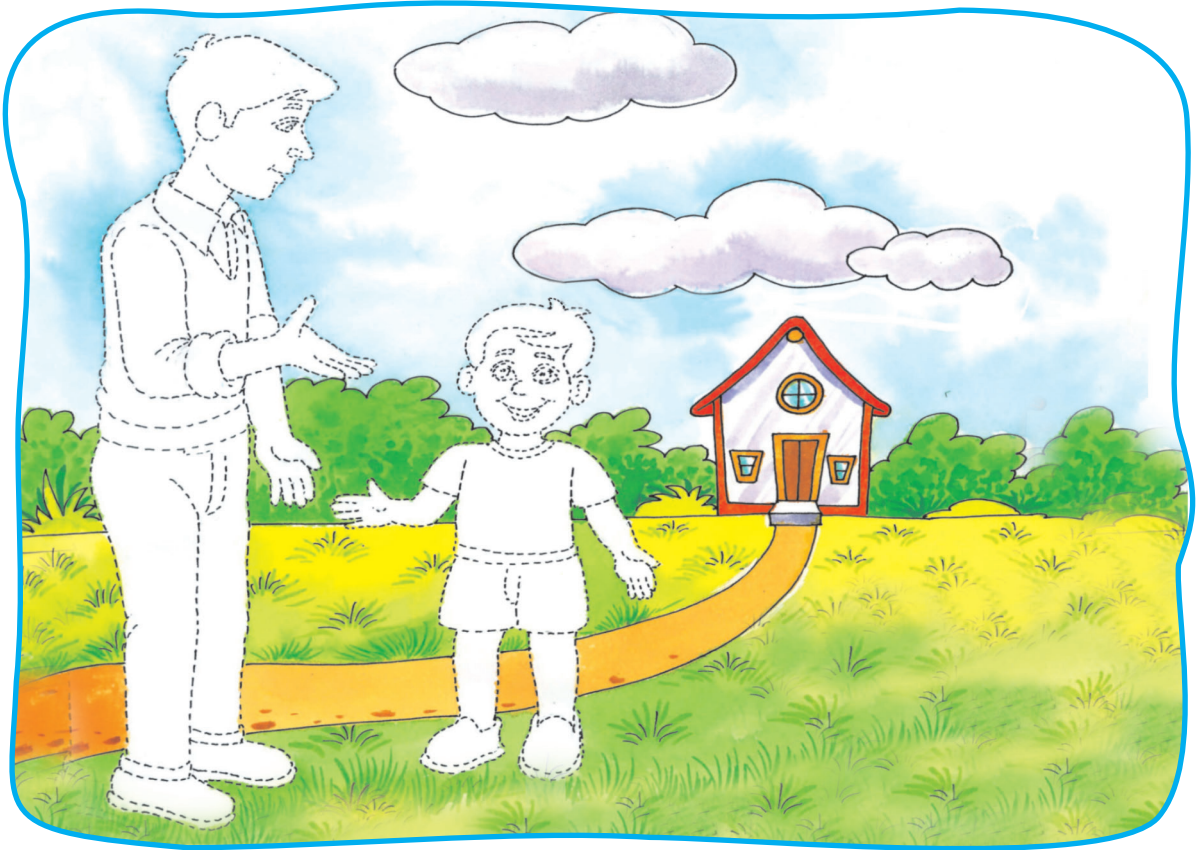
Man and Woman, Boy and Girl

For the teacher : Explain the concept first (with the help of classroom situation). Then ask the children to find tall and short things in the picture.

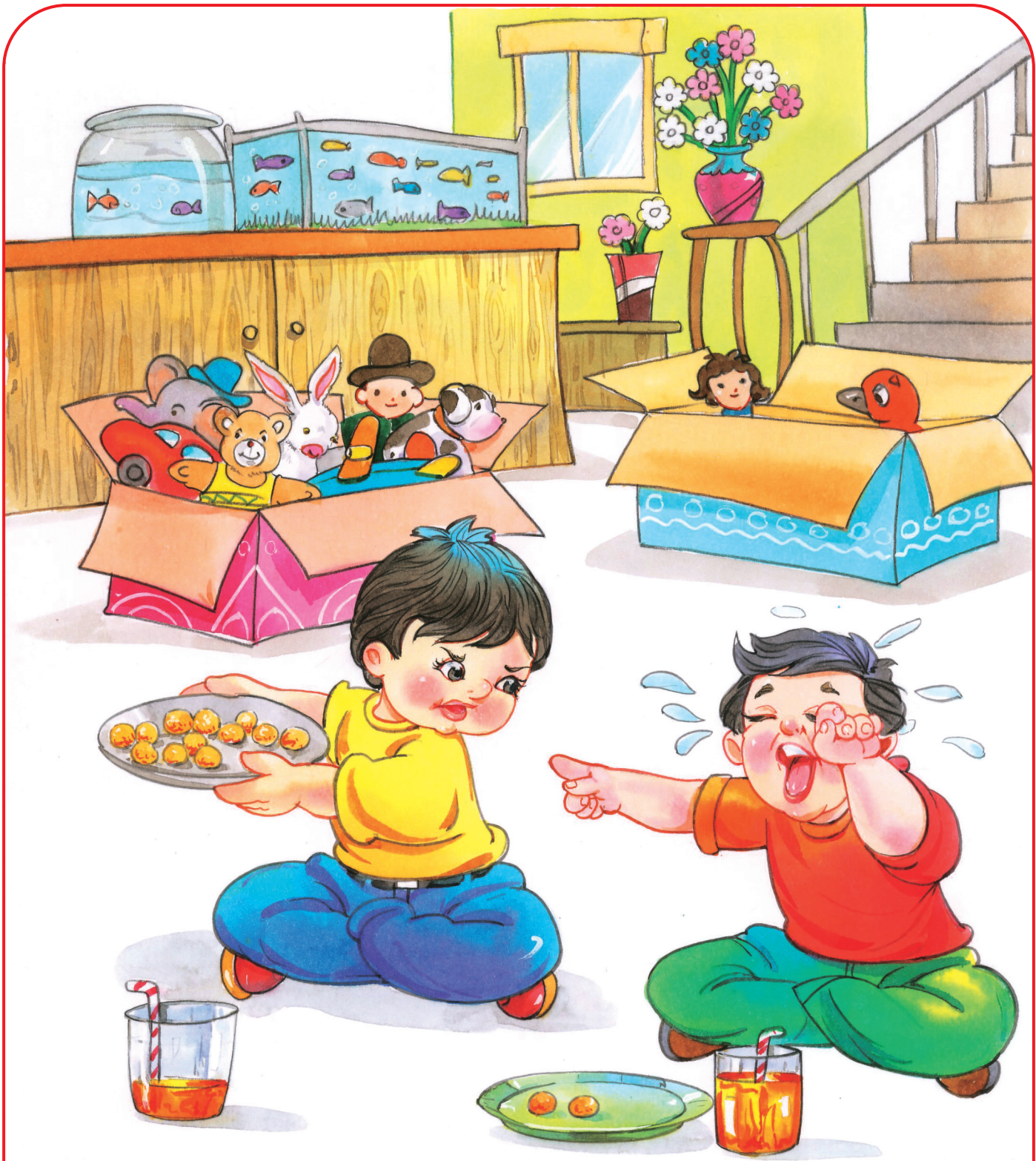
Colour only the tall ones.



Trace only the short ones. Colour them in yellow.



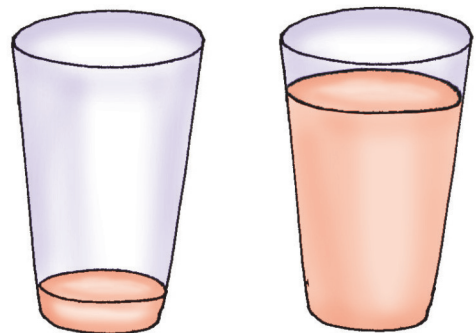
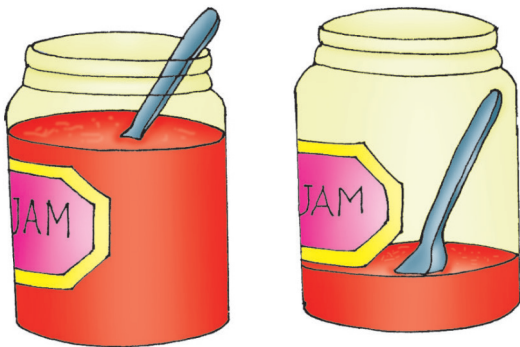
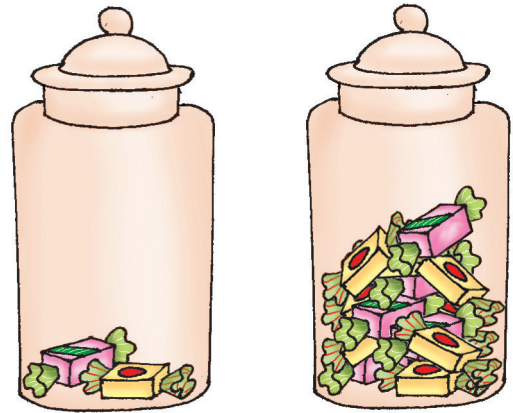
More and Less



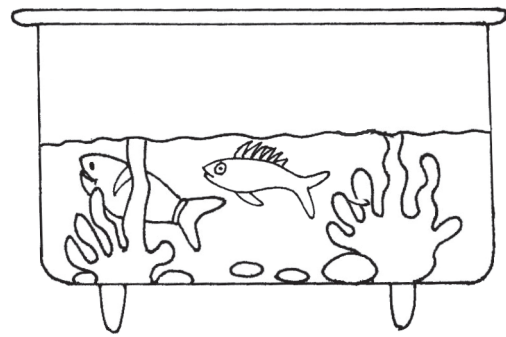
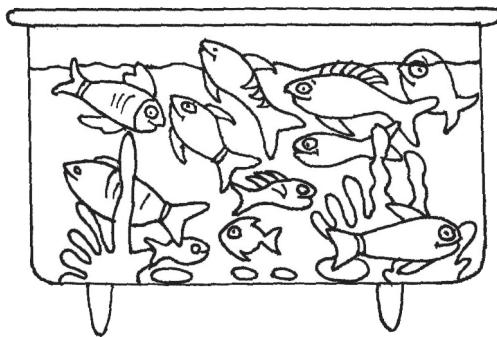
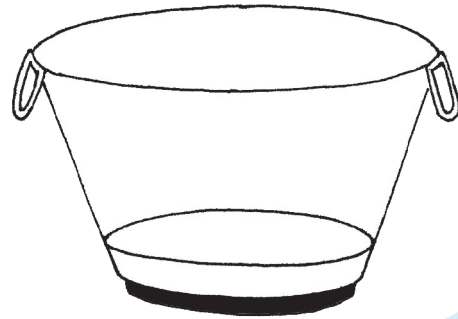
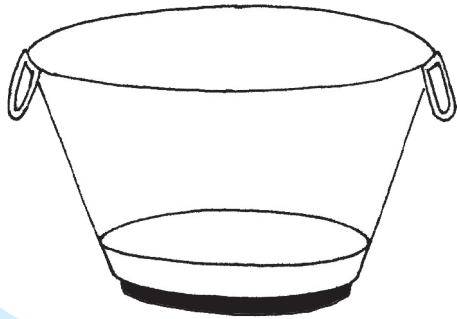
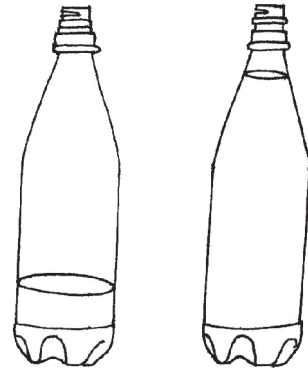
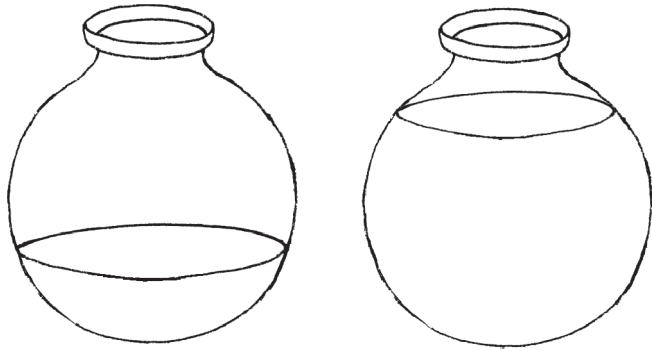
Sweets, Juice, Toys, Fishes, Flowers

For the teacher : Explain the concept first (with the help of classroom situation). Then ask the children to identify more or less quantity.

Encircle the ones which have more quantity.

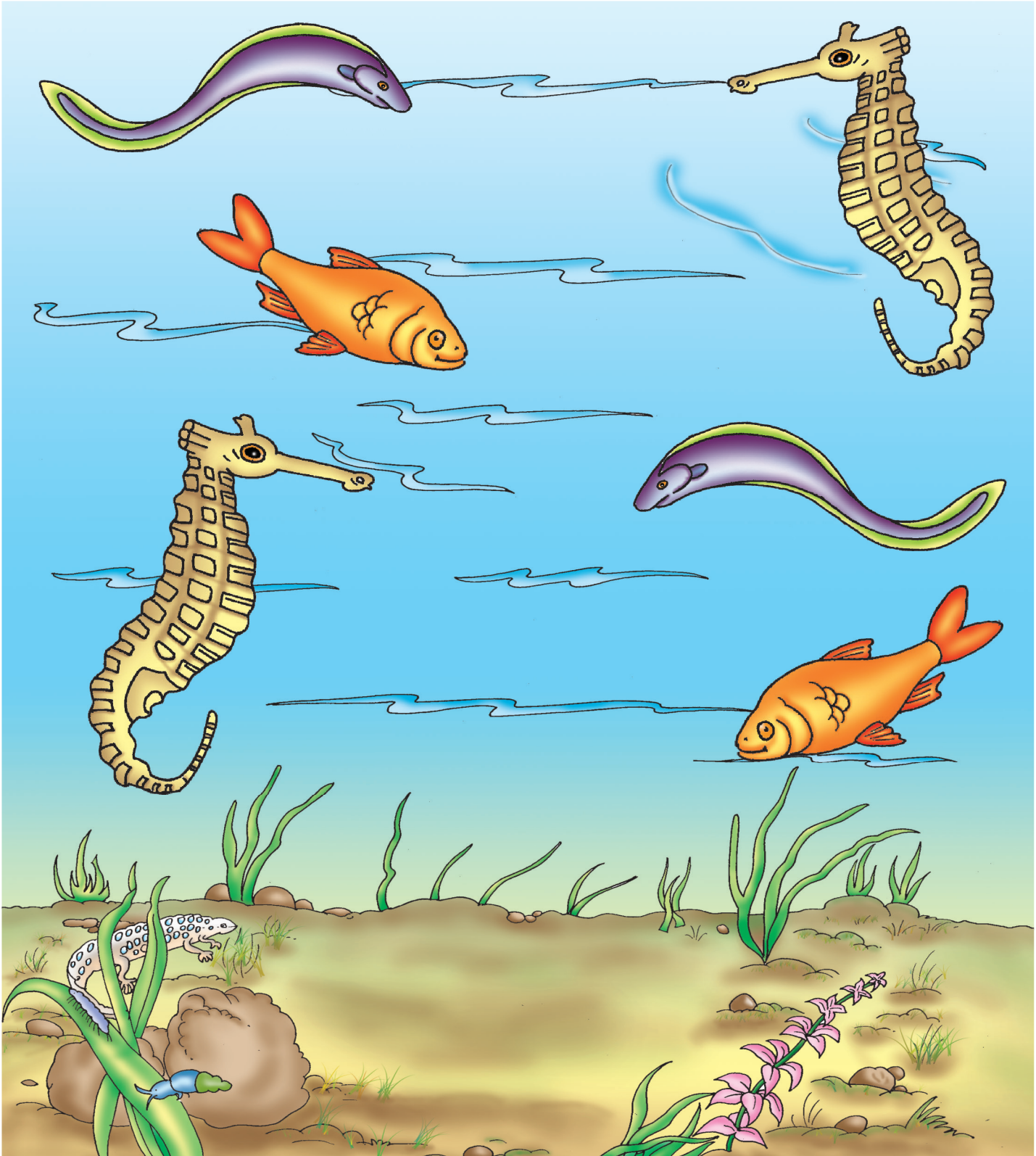


Colour the ones which have less quantity.

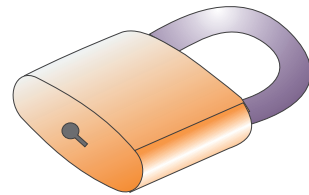
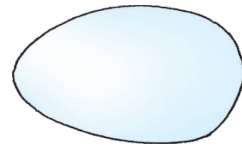
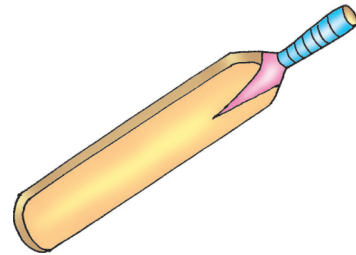
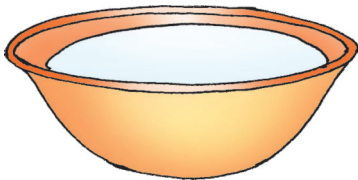
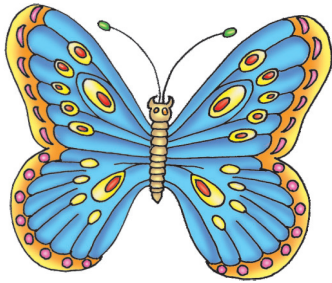
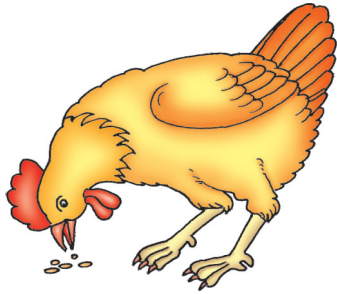
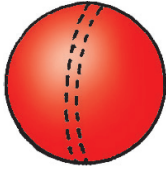


Look - alike

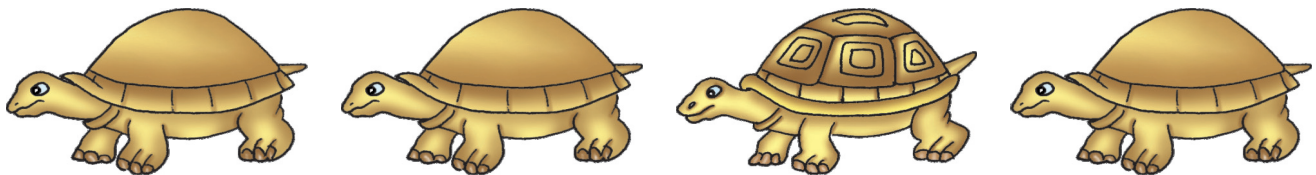
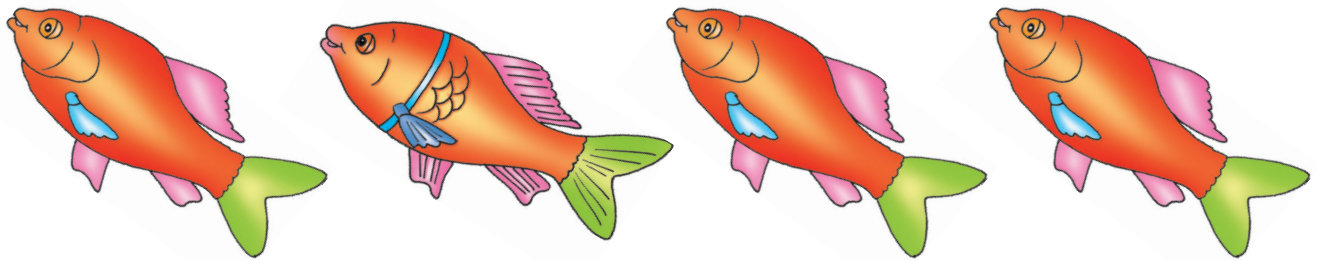
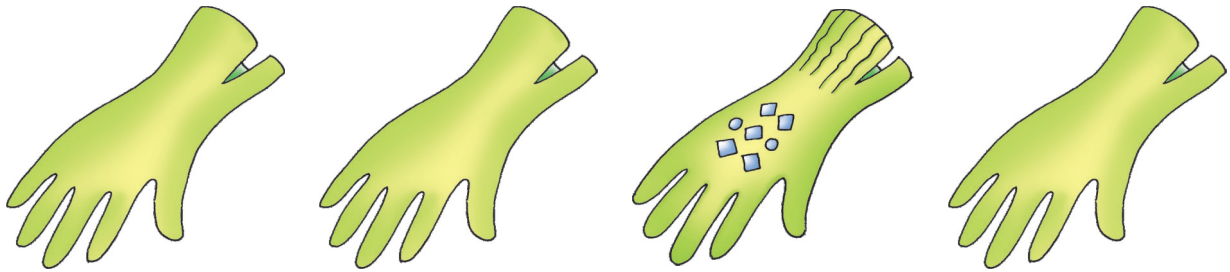
Draw a line to join the fish that are same.



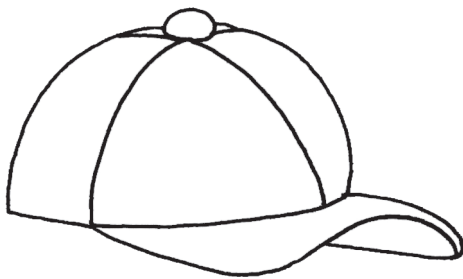
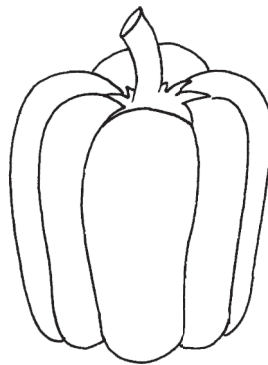
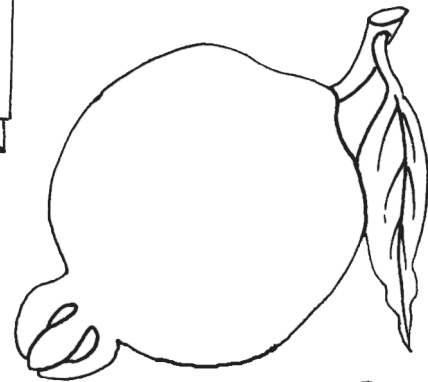
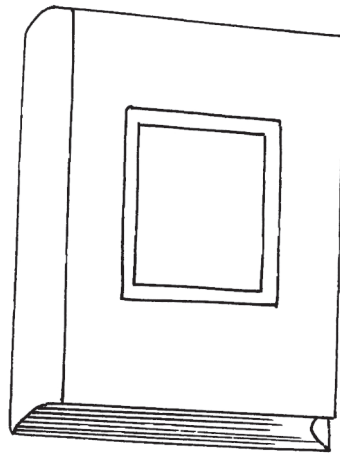
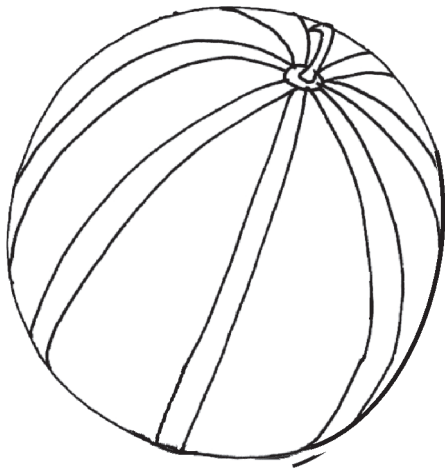
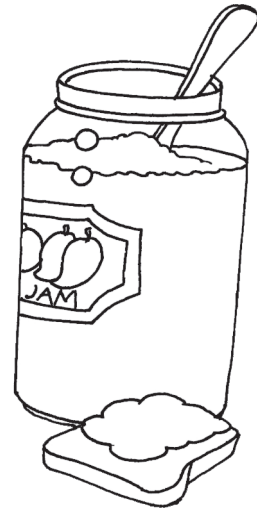
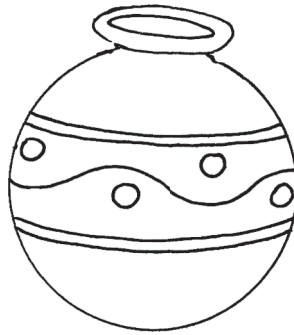
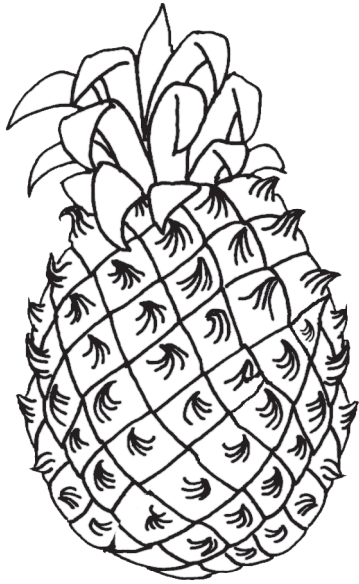
Match the following pairs.



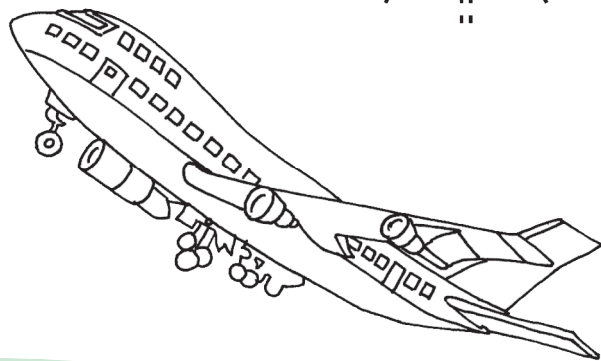
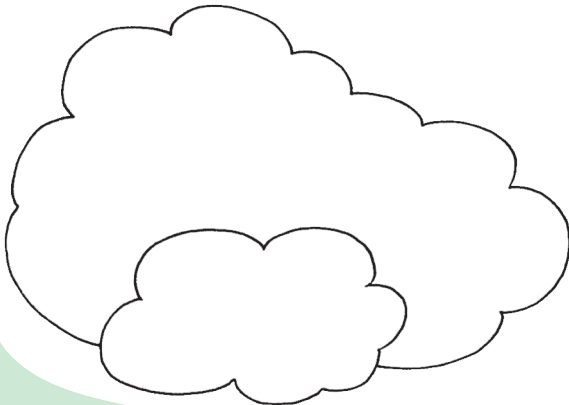
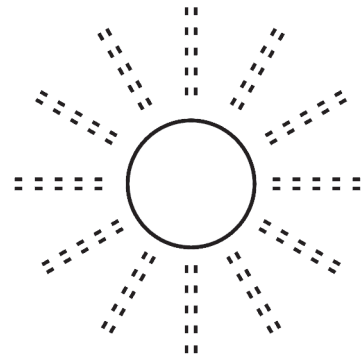
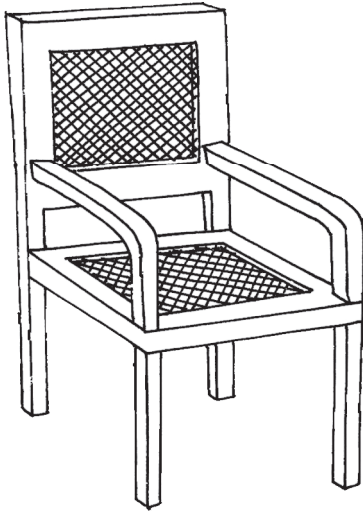
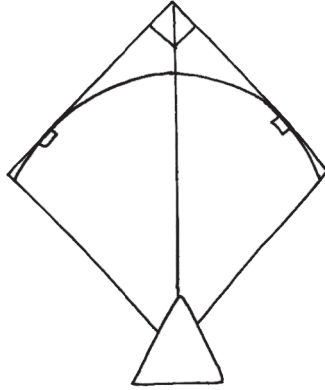
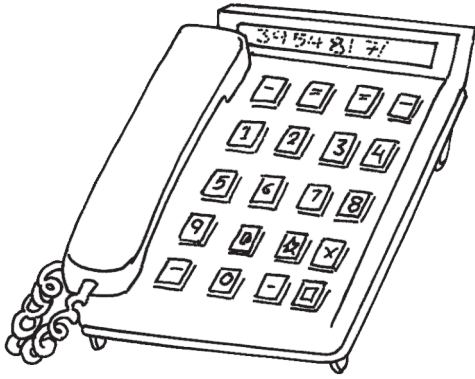
Encircle the picture that is different.



Colour only those things which we eat.

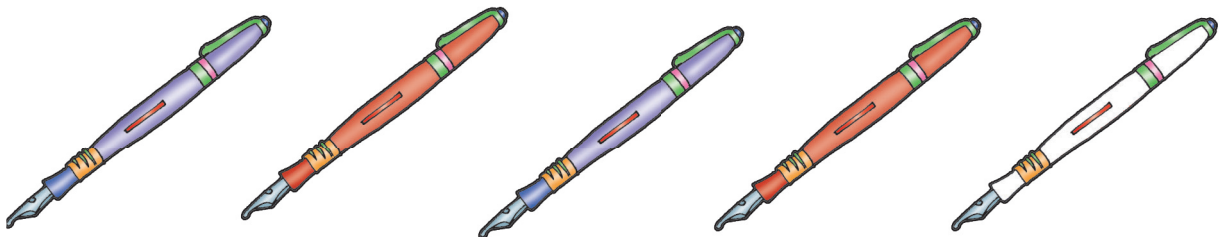
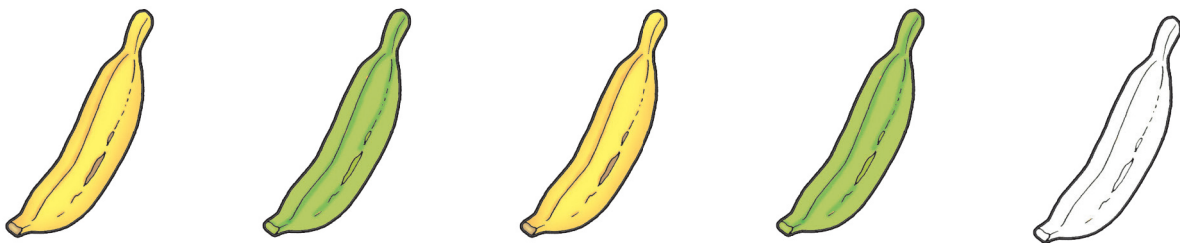
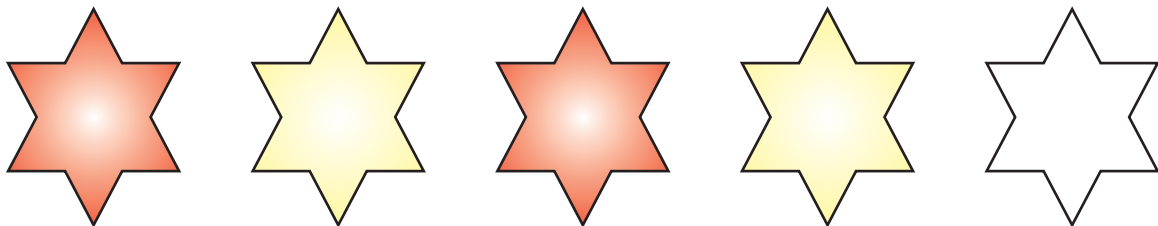
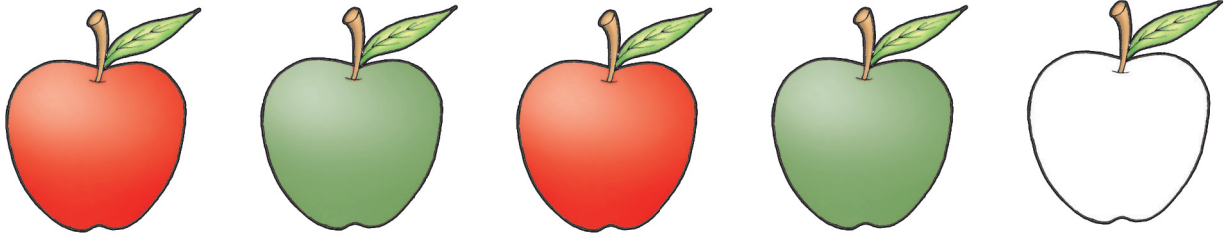
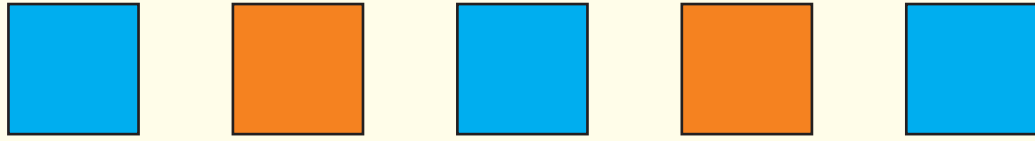


Colour only those things which we see in the sky.



Make a sequence by filling the right colours in the objects.

Example :



Complete the sequences by colouring the objects.

Example :

