

PLAYBOX

INFORMATION AND COMMUNICATIONS TECHNOLOGY
STANDARD

1



AI generated image

GOVERNMENT OF KERALA
GENERAL EDUCATION DEPARTMENT

STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING (SCERT), KERALAM
2024

NATIONAL ANTHEM

Jana-gana-mana adhinayaka jaya he
Bharatha-bhagya-vidhata,
Punjab-Sindh-Gujarat-Maratha
Dravida-Utkala-Banga
Vindhya-Himachala-Yamuna-Ganga
Uchchala-Jaladhi-taranga
Tava subha name jage,
Tava subha asisa mage,
Gahe tava jaya gatha.
Jana-gana-mangala-dayaka jaya he
Bharatha-bhagya-vidhata,
Jaya he, jaya he, jaya he,
Jaya jaya jaya jaya he!

PLEDGE

India is my country. All Indians are my brothers and sisters.

I love my country, and I am proud of its rich and varied heritage. I shall always strive to be worthy of it.

I shall give my parents, teachers and all elders respect, and treat everyone with courtesy.

To my country and my people, I pledge my devotion. In their well-being and prosperity alone lies my happiness

INFORMATION AND COMMUNICATIONS TECHNOLOGY - I

Prepared by :

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Poojappura, Thiruvananthapuram - 695012, Kerala

For **State Council of Educational Research and Training (SCERT)**

Poojappura, Thiruvananthapuram - 695012, Kerala

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Dear Children,

Another buddy has come to join your circle of friends.

This friend will help you play, sing and draw.

This dear friend will also share a lot of new knowledge with you.

May this book help you learn while playing with computers.

Also, try to observe directly and compare the views around you.

With regards,

Dr. Jayaprakash R. K.

Director
SCERT Kerala

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THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a ¹**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens :

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

EQUALITY of status and of opportunity; and to promote among them all

FRATERNITY assuring the dignity of the individual and the ²[unity and integrity of the Nation];

IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

1. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Sovereign Democratic Republic" (w.e.f. 3.1.1977)
2. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Unity of the Nation" (w.e.f. 3.1.1977)

1. Let's Draw Looking the Sky

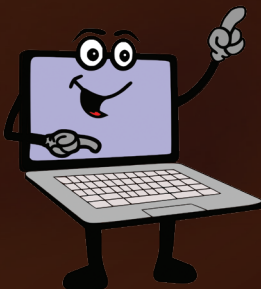


See, I have drawn!

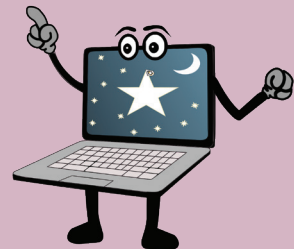
I too want to draw.



I will help you.



Don't you
too draw?



To the Teacher

To open the game

GCompris



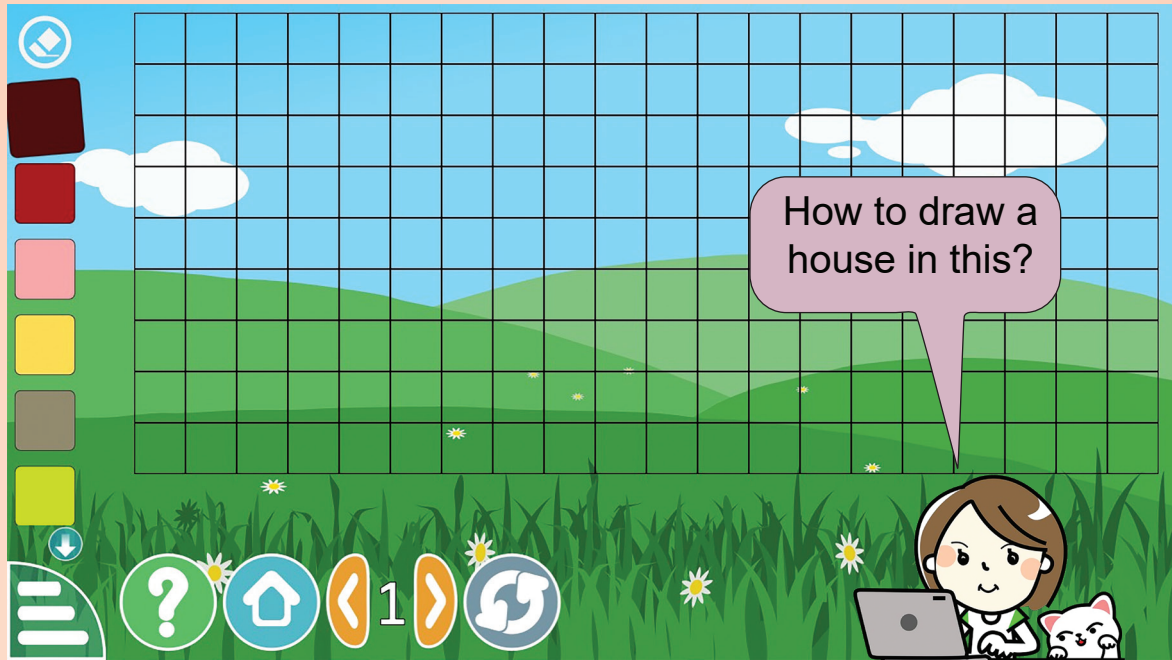
Click and Draw



Click on each blue circle and observe.



2. A House in the Square



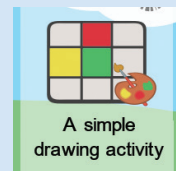
Colour the shape
of house in the
squares.

To the Teacher To open the game

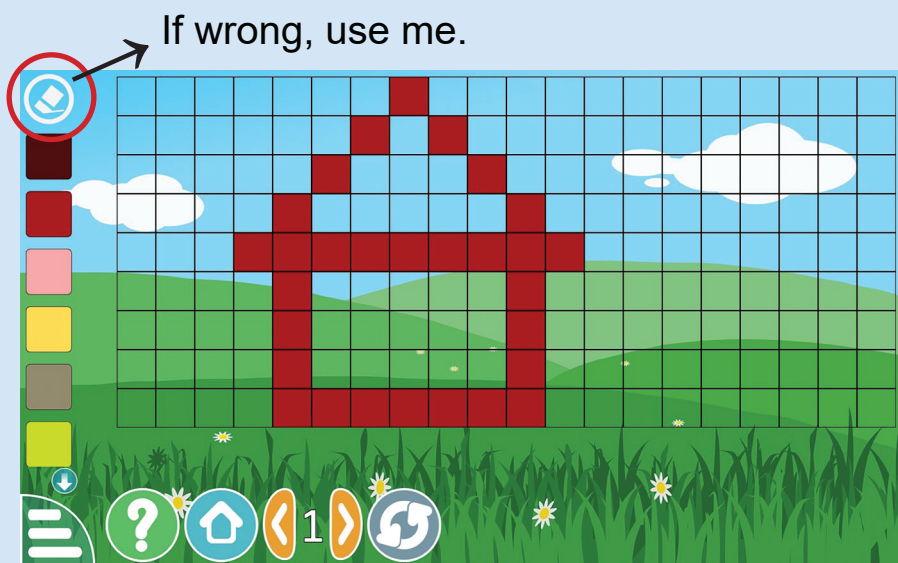
GCompris



A simple drawing
activity



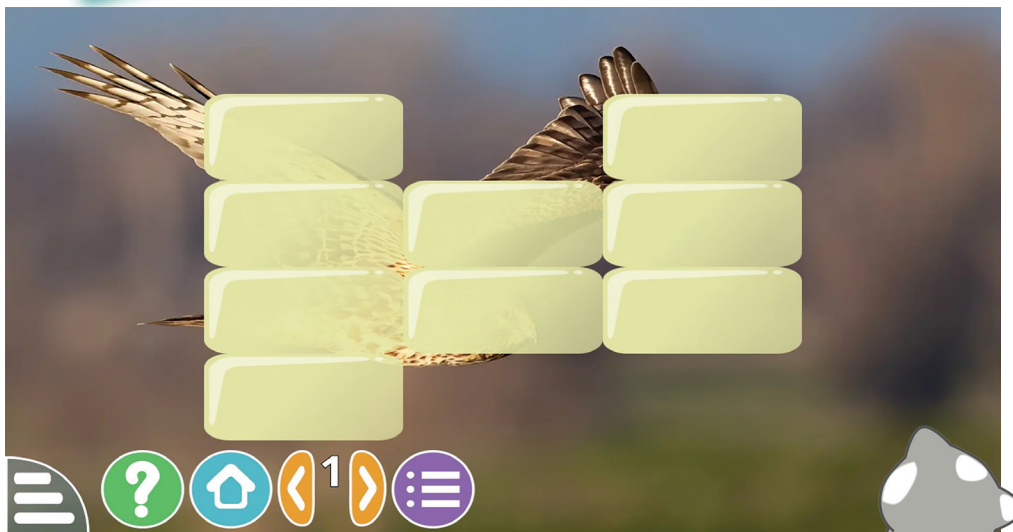
How is
this house?



Super!
Now draw
another picture.

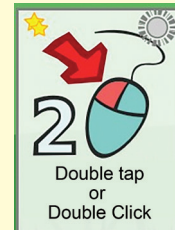


3. Click, Click



To the Teacher To open the game

GCompris



Double tap or Double click?



Click on each block twice and find out what is hiding.



...

4. So Many Colours!

Wow, so many colours!

Can you tell the colour in the pot?

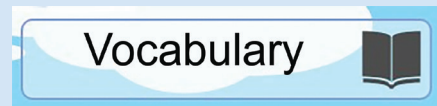


To the Teacher To open the game

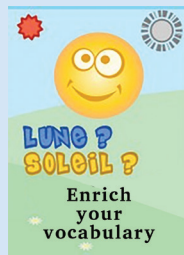
GCompris



Vocabulary



Enrich your vocabulary



Colour



Choose the correct one after hearing the name of the colour when the game opens and observing the name and colour of the paint in the pot on the screen.

Click on



to go forward.



5. Let's Count and Colour

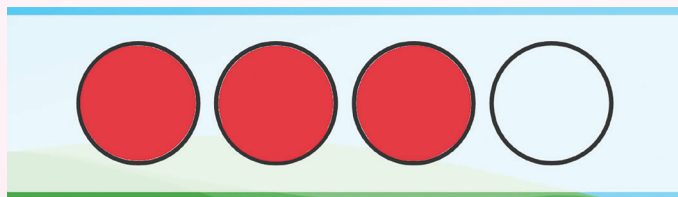
How many are
there in
the race?



One...Two...



How many circles are coloured?



To the Teacher To open the game

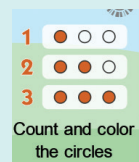
GCompris



Numeration



Count and colour the circles



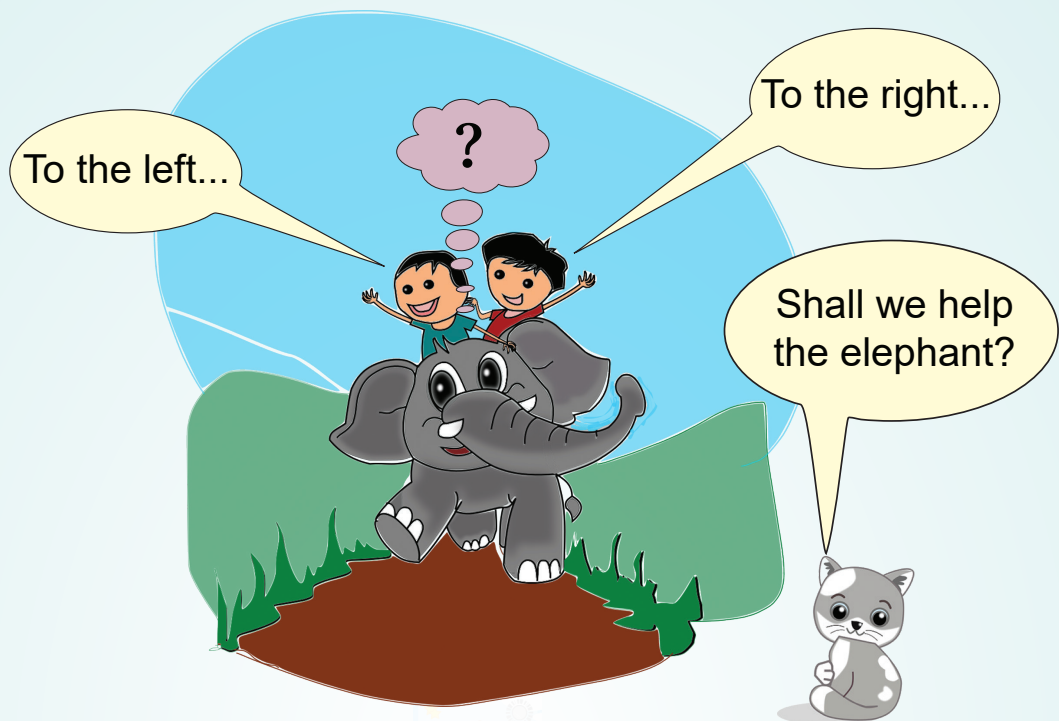
Click OK to check whether it is correct.



Click on the circles that match the given number.

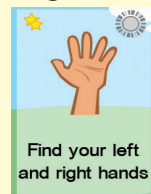


6. Left... Right.

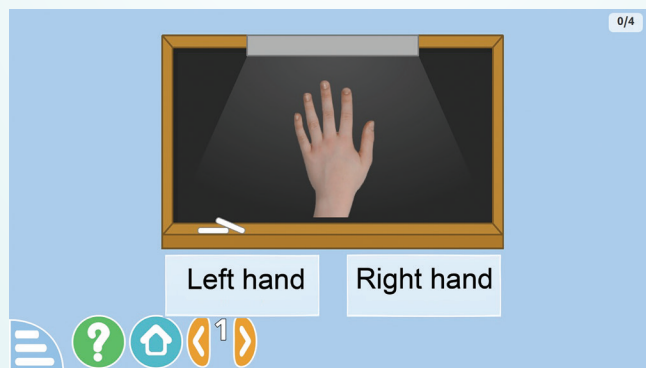


To the Teacher To open the game

GCompris



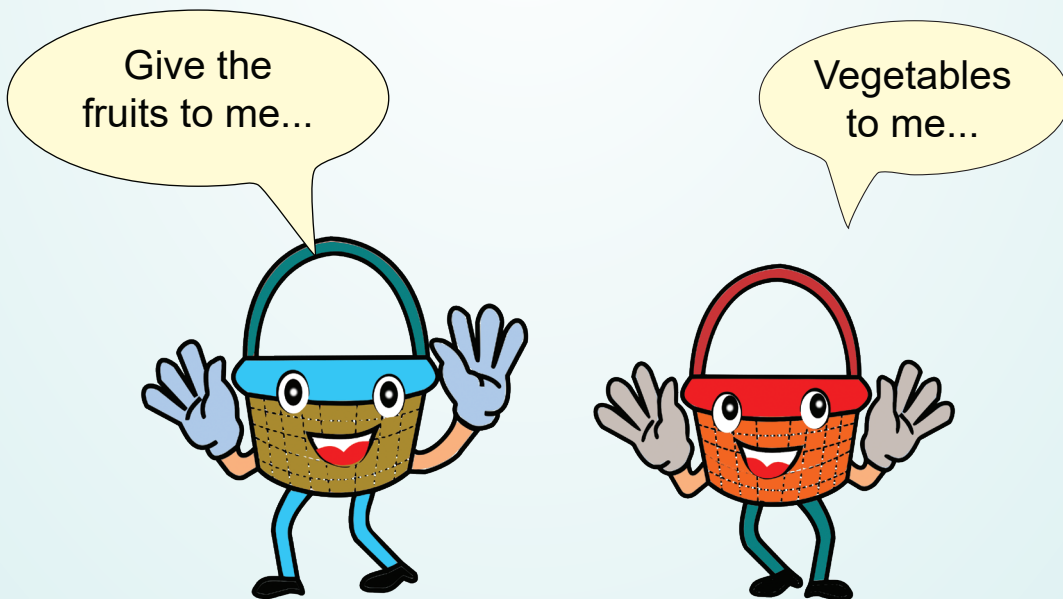
Find your left and right hands



Find out which hand is seen on the screen - Left or Right.
Now, click on the appropriate button below.



7. Let's Categorise.

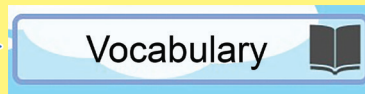


To the Teacher To open the game

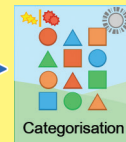
GCompris



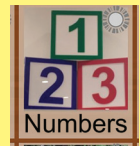
Vocabulary



Categorisation



Numbers



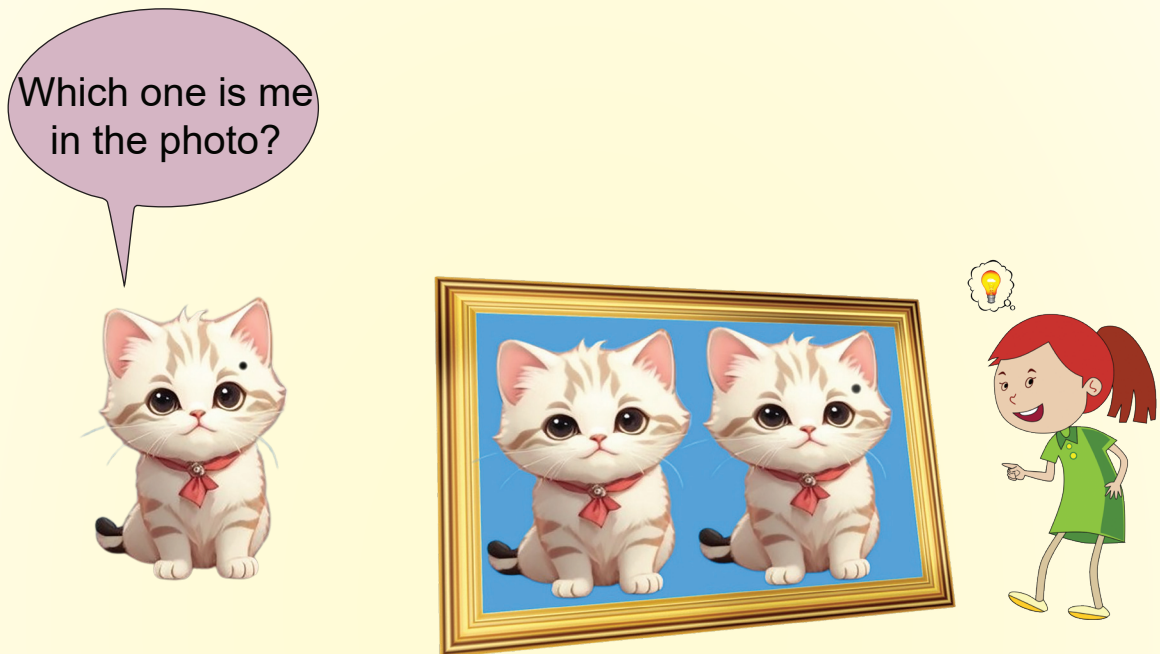
How to move numbers to the right?

Is it not enough to click, hold and move the mouse...



...

8. Let's Find Out



Similarly, find the differences between the pictures.

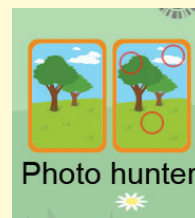


To the Teacher To open the game

GCompris



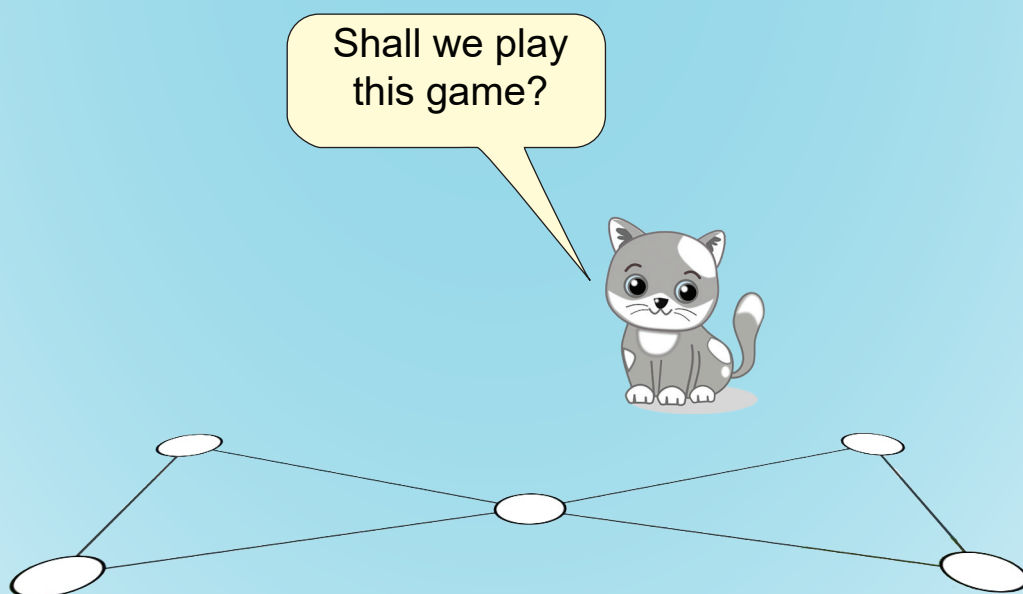
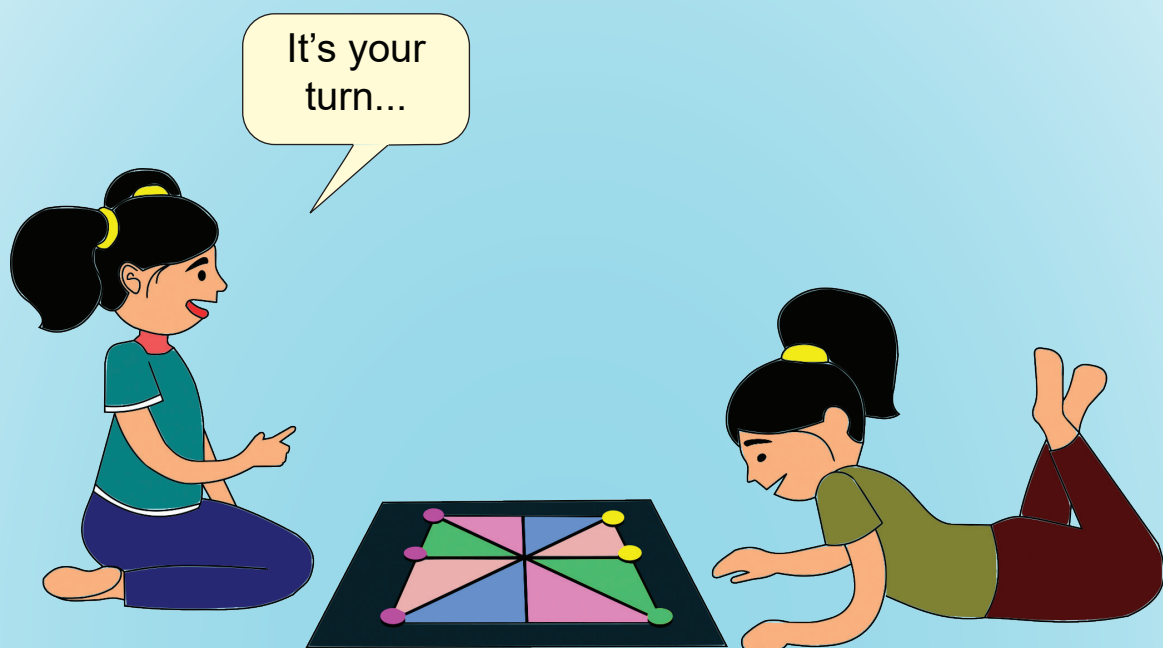
Photo hunter



Don't forget to click
wherever there are
differences



9. Let's Play with Colours



To the Teacher To open the game

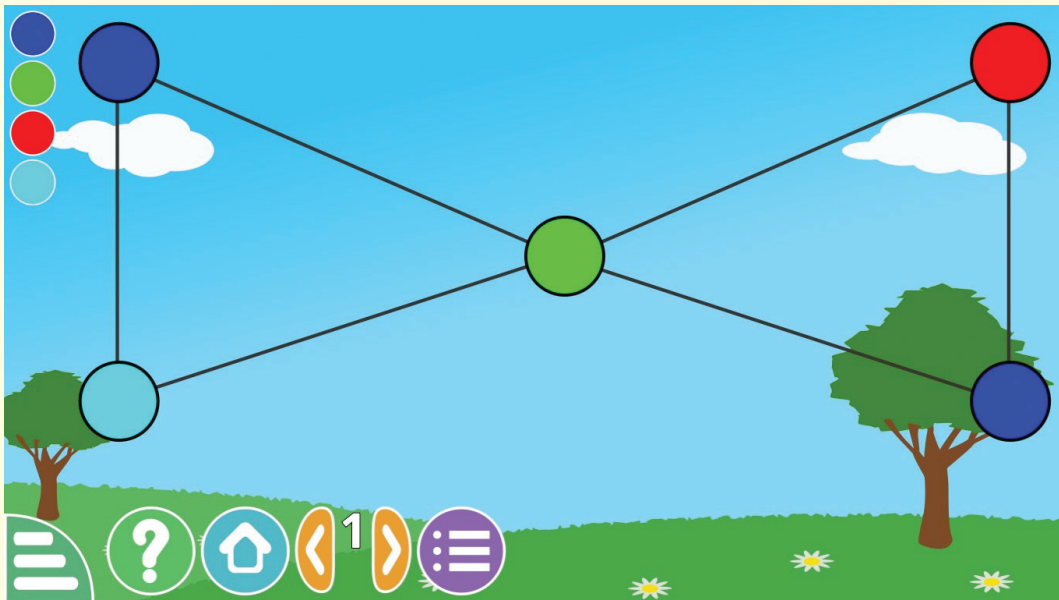
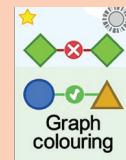
GCompris



Logic



Graph Colouring



How to colour
the graph?



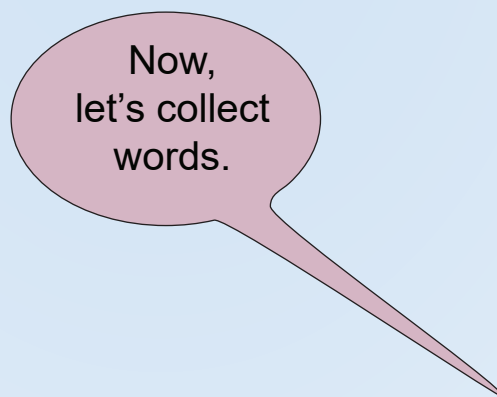
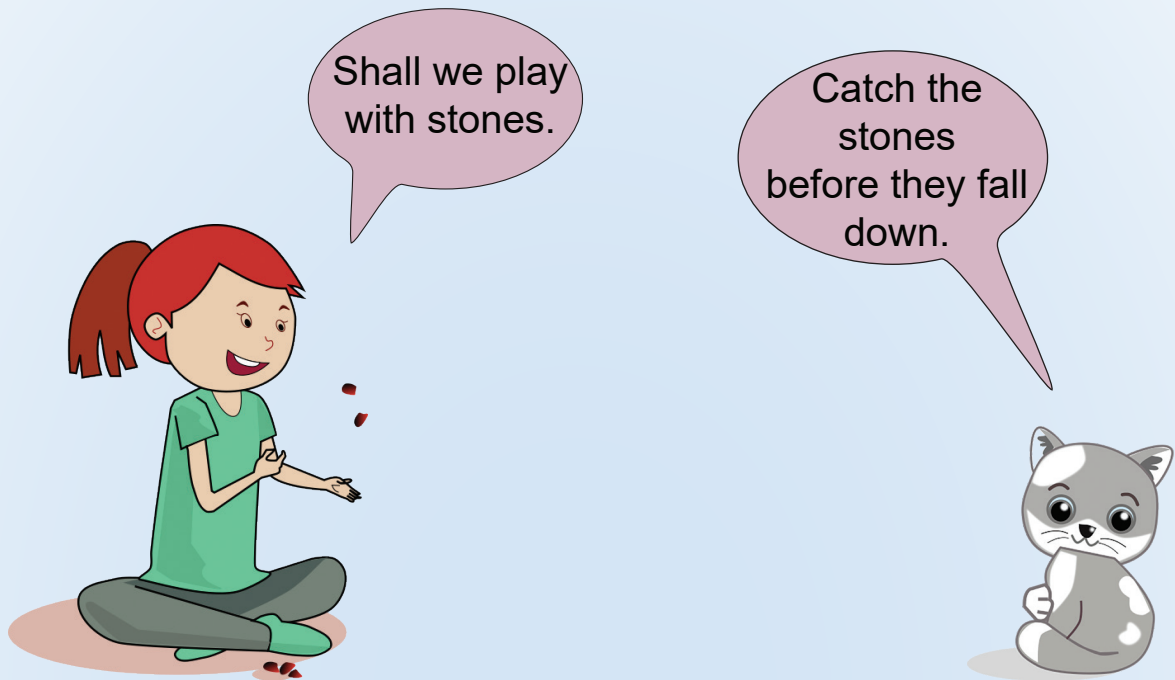
Click on the
circle...
Don't you see
the colours...



Don't give same colour next to each other...



10. Rain of Words

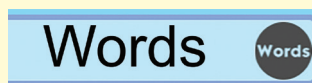


To the Teacher To open the game

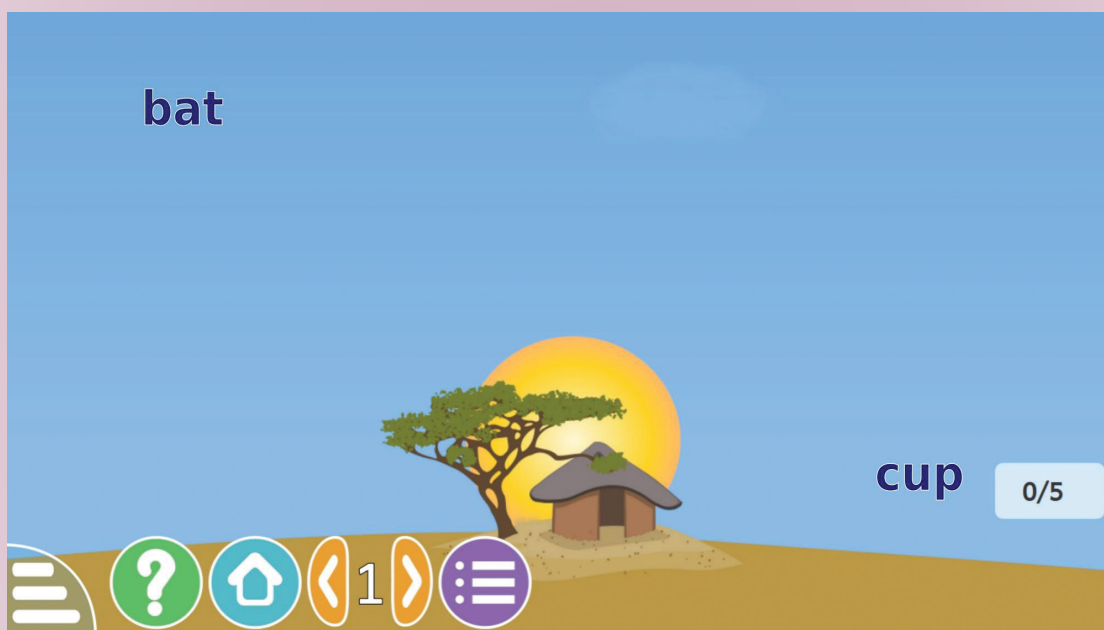
GCompris



Words



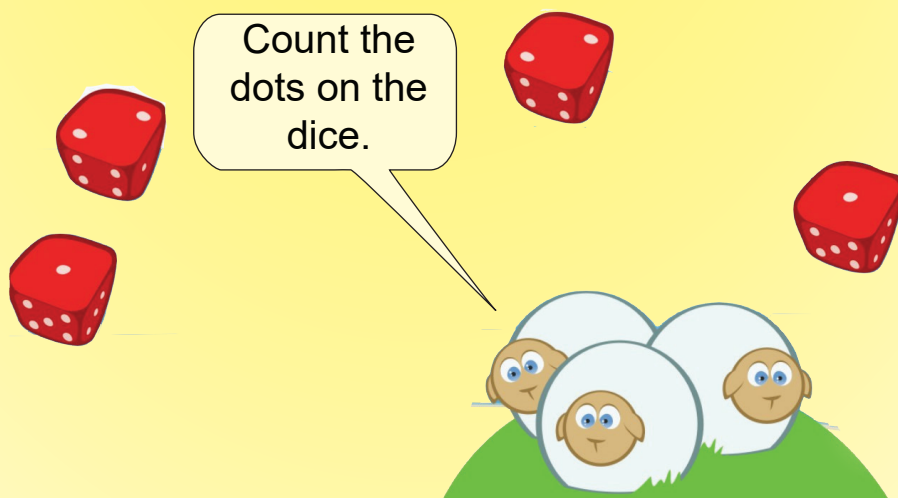
Falling Words



Change the language of GCompris to English and then play this game. Type the words in the keyboard before they reach down.



11. How Many Dots?

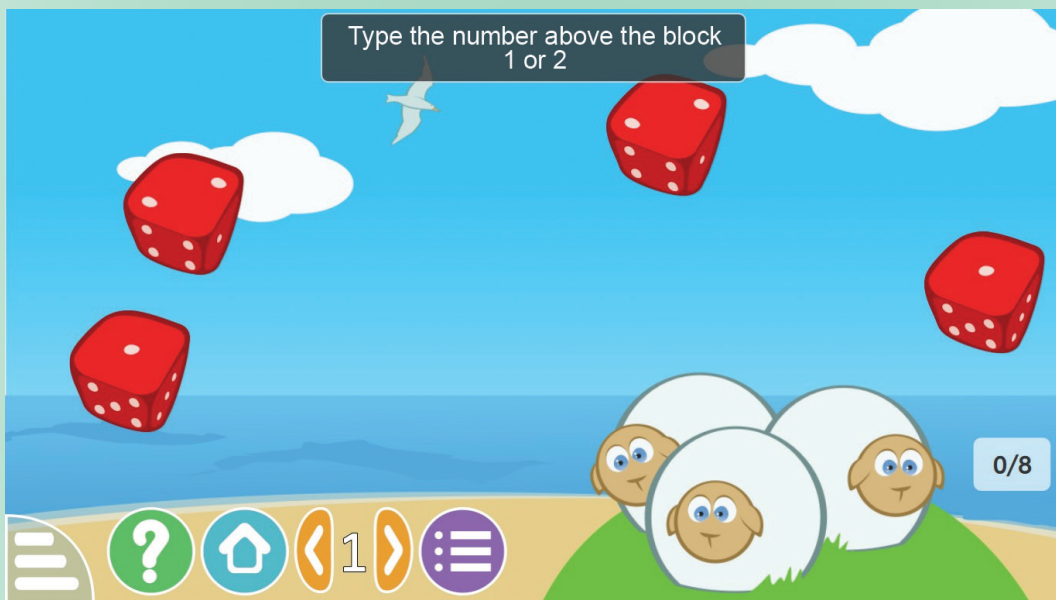
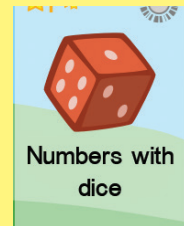


To the Teacher To open the game

GCompris

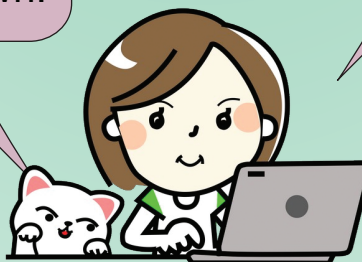


Numbers with dice



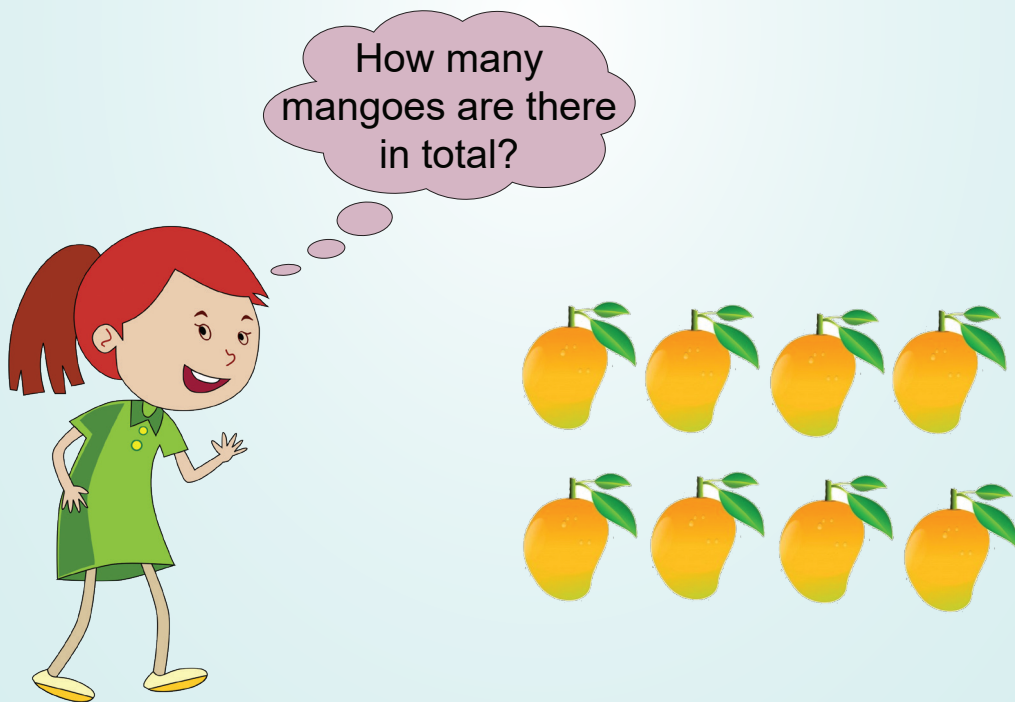
Be quick... count the dots on the dice and type it before they reach down.

Oh! Can't count...



...

12. How Many in Total?



Now, shall we
count this?

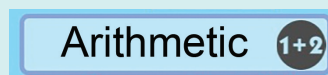


To the Teacher To open the game

GCompris



Arithmetic



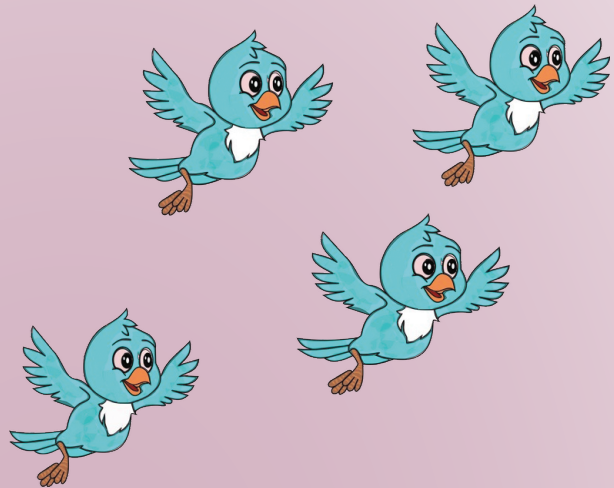
The magician
hat +





...

13. How Many are Left?

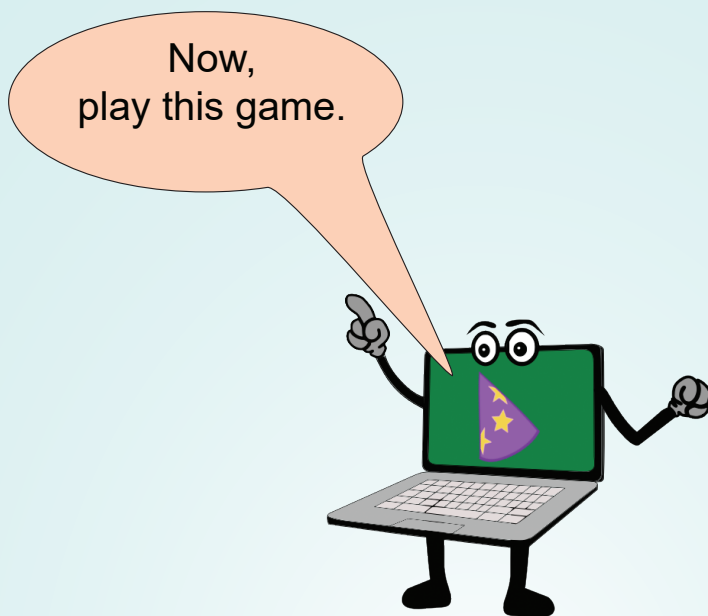


Oh!
There were
4 eggs!



How many eggs
of the mother
bird are lost?



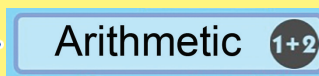


To the Teacher To open the game

GCompris

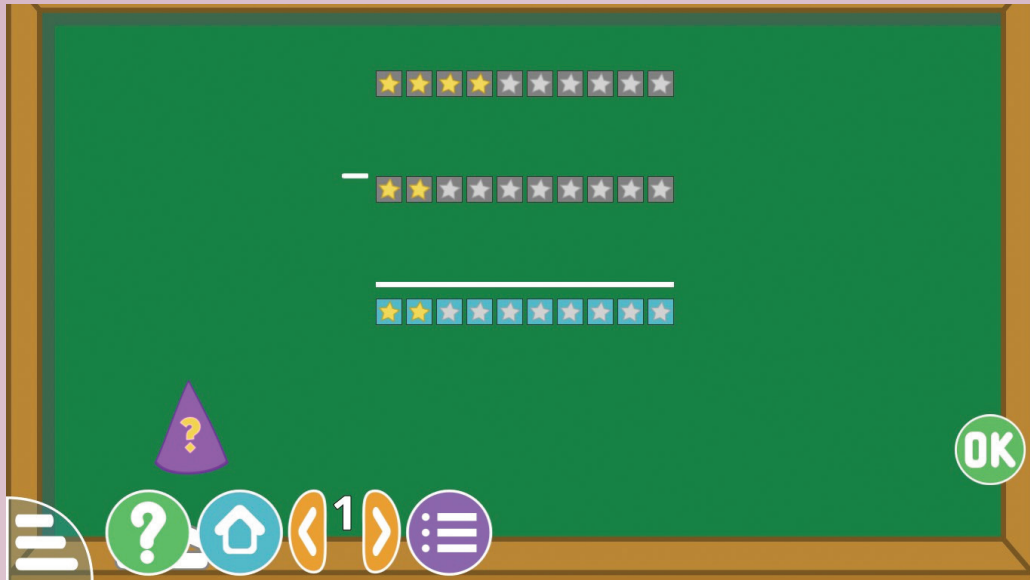


Arithmetic



The magician hat -





When clicked on hat, the stars will go in and out.

Count the stars left under the hat and give the answer.



...

14. How Many More Needed to Become 10?



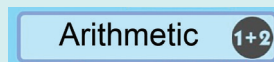
Did you find out how many days are left for Onam?
Now play this game.

To the Teacher To open the game

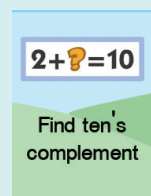
GCompris

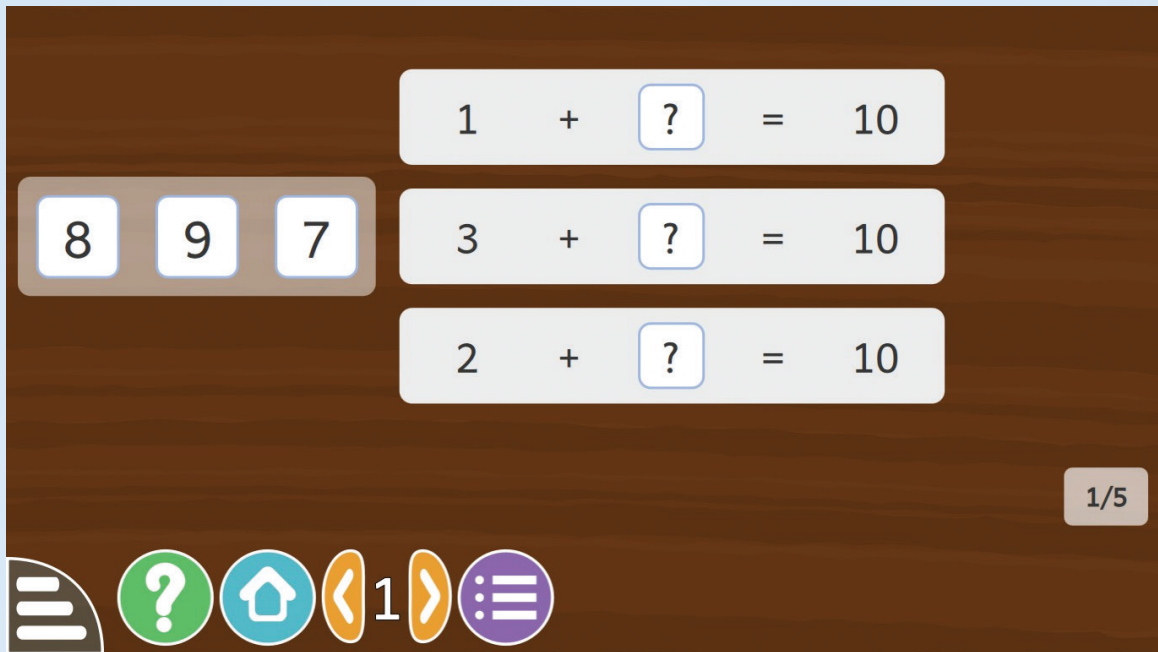


Arithmetic



Find ten's complement



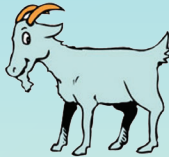


Click on the correct number and then click on the appropriate question mark to give the answer.



...

15. Whose Shadow?



I will do
this.



And this
one I will.

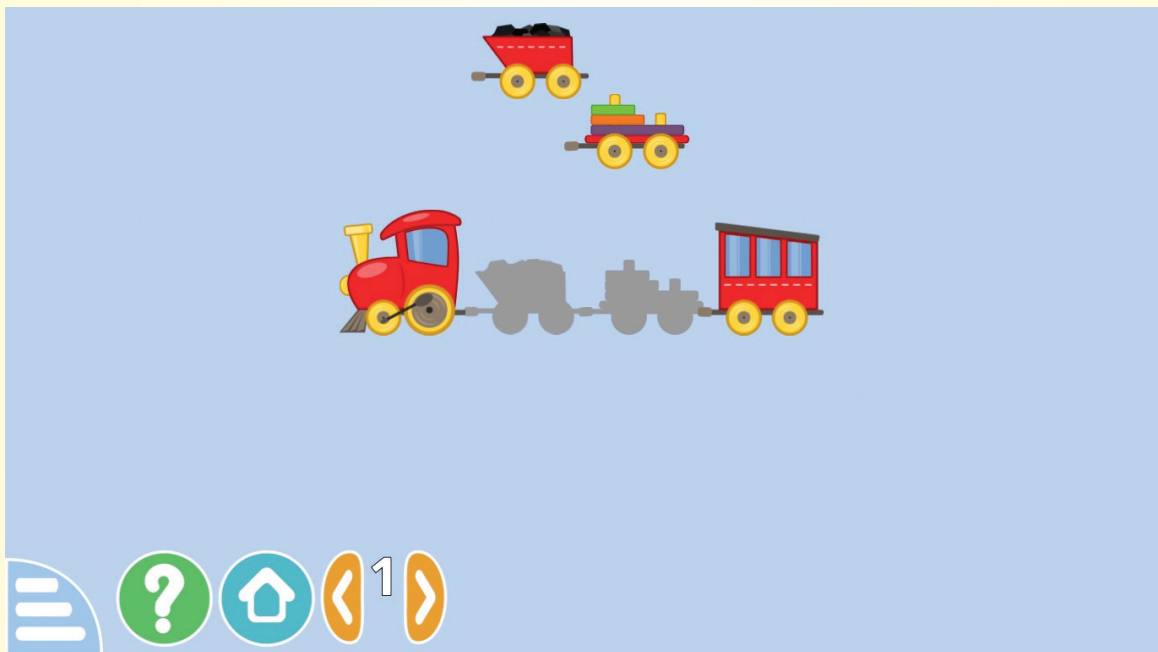


To the Teacher To open the game

GCompris



Baby puzzle



Place the appropriate image to its shadow...



To the Teacher,

This textbook includes simple and interesting activities and edutainment games through which the students of primary class can easily learn their lessons through games. For this, the internationally renowned educational software GCompris is included with 15 activities.

GCompris comprises of many activities which can ensure the possibilities of ICT in the study of Languages and Mathematics, and also strengthen drawing, reading, letter skills, number sense, basic computations, colour sense and logical reasoning. Games are introduced in the textbook in connection with various contexts in other subjects. Through this, the expected learning objectives in the said subjects can be ensured and at the same time the basic skills of using computers can also be imparted to the children.

The lessons 1 to 4 are intended to provide basic understanding of how to get to know and operate a computer. Lessons namely **‘Let’s Count and Colour’**, **‘How Many Dots?’**, **‘How Many in Total?’**, **‘How Many are Left?’**, **‘How Many More Needed to Become 10’** are intended to inculcate mathematical concepts. Lessons like, **‘Let’s Draw Looking the Sky’**, **‘A House in the Square’**, **‘So Many Colours!’** contains activities related to drawing, colour perception etc., Moreover, lessons namely **‘Let’s Categorise’**, **‘Let’s Find Out’**, **‘Let’s Play with Colours’**, **‘Whose Shadow?’** contains activities aimed at developing logical and computational thinking.

These activities are helpful in planning learning experiences apt for each child’s learning level. Games in GCompris can also be used to organise learning activities suitable for children with special needs. Favourable environment should be set for children to learn by seeing, hearing and touching. The games and activities should be planned so as to ignite their thoughts and lead them to the world of knowledge and experience.

Only a few examples are given in this textbook. It may be noted that the games and activities in this are not the final word. Hope simple, improvised and innovative activity oriented experiences shall be incorporated in the classroom interactions.

CONSTITUTION OF INDIA

Part IV A

FUNDAMENTAL DUTIES OF CITIZENS

ARTICLE 51 A

Fundamental Duties - It shall be the duty of every citizen of India

- a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
- (b) to cherish and follow the noble ideals which inspired our national struggle for freedom;
- (c) to uphold and protect the sovereignty, unity and integrity of India;
- (d) to defend the country and render national service when called upon to do so;
- (e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
- (f) to value and preserve the rich heritage of our composite culture;
- (g) to protect and improve the natural environment including forests, lakes, rivers, wild life and to have compassion for living creatures;
- (h) to develop the scientific temper, humanism and the spirit of inquiry and reform;
- (i) to safeguard public property and to abjure violence;
- (j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievements;
- (k) who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between age of six and fourteen years.

CHILDREN'S RIGHTS

Dear Children,

Wouldn't you like to know about your rights? Awareness about your rights will inspire and motivate you to ensure your protection and participation, thereby making social justice a reality. You may know that a commission for child rights is functioning in our state called the Kerala State Commission for Protection of Child Rights.

Let's see what your rights are:

- | | |
|---|--|
| • Right to freedom of speech and expression. | • Protection against neglect. |
| • Right to life and liberty. | • Right to free and compulsory education. |
| • Right to maximum survival and development. | • Right to learn, rest and leisure. |
| • Right to be respected and accepted regardless of caste, creed and colour. | • Right to parental and societal care, and protection. |
-
- Major Responsibilities**
-
- | | |
|---|---|
| • Right to protection and care against physical, mental and sexual abuse. | • Protect school and public facilities. |
| • Right to participation. | • Observe punctuality in learning and activities of the school. |
| • Protection from child labour and hazardous work. | • Accept and respect school authorities, teachers, parents and fellow students. |
| • Protection against child marriage. | • Readiness to accept and respect others regardless of caste, creed or colour. |
| • Right to know one's culture and live accordingly. | |



Contact Address

Kerala State Commission for Protection of Child Rights

'Sree Ganesh', T.C.14/2036, Vanross Junction

Kerala University P.O., Thiruvananthapuram-34, Phone : 0471 - 2326603

E-mail : childrights.cpcr@kerala.gov.in, rte.cpcr@kerala.gov.in

Website : www.kescpcr.kerala.gov.in

Child Helpline - 1098, Crime Stopper - 1090, Nirbhaya - 1800 425 1400

Kerala Police Helpline - 0471 – 3243000/44000/45000

online R.T.E Monitoring : www.nireekshana.org.in