

**Ventures Primary****INFORMATION AND COMMUNICATION TECHNOLOGY**  
**ECD B**

# Ventures Primary

## INFORMATION AND COMMUNICATION TECHNOLOGY

### ECD B

Ventures Primary Information and Communication Technology ECD B Workbook has been developed to meet the requirements of the Ministry of Primary and Secondary Education Infant Information and Communication Technology ECD B Syllabus. It contains all the activities needed to cover the learning and facilitating of Information and Communication Technology at ECD B.

#### The book:

- Has activities that demand problem-solving, decision-making, teamwork, and innovation.
- Exposes the learner to various forms of assessment.
- Has a learner-centered approach which allows the learner to be fully involved in individual or group work.
- Develops critical thinking, communication, creativity and collaborative skills.
- Has a checklist to assess how the learner is progressing.

Ventures Primary Information and Communication Technology ECD B Workbook comes with a Learner's Book and Facilitator's Resource Book.



# Ventures Primary Information and Communication Technology Workbook

ECD  
B



**Ventures Primary Information and Communication and Technology Workbook ECD B**

© Enock Chakomoka, 2017  
© Design College Press Publishers (Pvt) Ltd, 2017

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, photocopying, recording, or otherwise, without the prior written permission of the copyright holder or in accordance with the provisions of the Copyright Act, (Chapter 26:05), 2004.

Any person who does any unauthorised act in relation to this publication may be liable for criminal prosecution and civil claims for damages.

First published 2017

Published by  
College Press Publishers (Pvt) Ltd  
P. O. Box 3041, Harare, Zimbabwe

Typeset in Century Gothic: 16 pt  
Artworks by W. Mukutirwa and T. Chodeva  
Cover illustration by P. Chiroodza and T. Chibvongodze

Printed by: DP Printmedia

ISBN: 978 1 77930 054 6

The publishers have made every effort to trace the copyright holders. If they have inadvertently overlooked any, they will be pleased to make the necessary arrangements at the first opportunity.

**It is illegal to photocopy any page of this book without written permission from the publishers.**

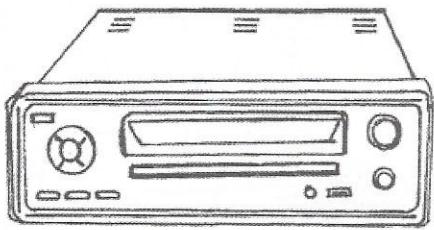
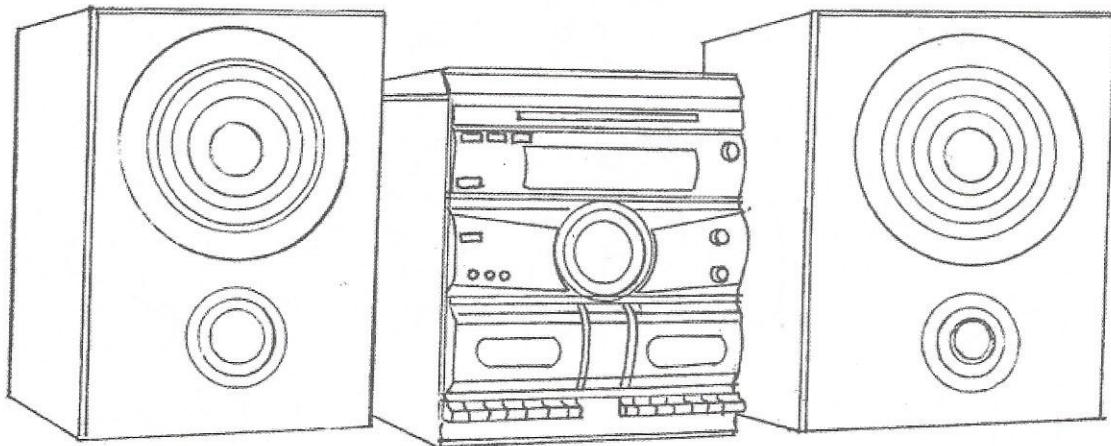
# Contents

<b>Topic 1</b>	<b>ICT Tools .....</b>	<b>1</b>
	Audio ICTs .....	1
	Personal Communication.....	2
	Visual Communication .....	3
	Recording events .....	4
	Remote control.....	5
	ICTs in the home .....	6
	ICT tools at school.....	7
	Computer hardware.....	8
	Input devices and output devices .....	9
	ICT gadgets.....	10
	Switching on and off a computer .....	11
	Mouse .....	12
	Keyboard.....	13
	Printer .....	14
	Digital Video Disc (DVDs) .....	15
	Matching .....	16
	Triangles .....	17
	Data storage devices .....	18
<b>Topic 2</b>	<b>Creating and publishing .....</b>	<b>19</b>
	Fruit .....	19
	Animals that live on land .....	20
	Animals that live in water .....	21
	National flower.....	22
	Home .....	23
	Balancing rocks .....	24

Parliament of Zimbabwe .....	25
Building blocks .....	26
Arrangement of numbers on a telephone .....	27
Keyboard symbols .....	28
Cursor keys .....	30
Drawing and painting with the keyboard .....	32
The Zimbabwean flag .....	33
Map of Zimbabwe.....	34
<b>Topic 3 Application software .....</b>	<b>35</b>
Patterns .....	35
Where is the circle? .....	37
Triangles .....	38
Square.....	39
Music .....	40
Video.....	41
Traditional folktales .....	42
Sound recorder.....	43
Video camera.....	44
<b>Topic 4 Safety and security .....</b>	<b>45</b>
Computer safety.....	45
<b>Topic 5 Programming .....</b>	<b>46</b>
ICT in trade .....	46
ICT entrepreneurship .....	47
Matching ICTs .....	49
ICTs are used for communication.....	50
Checklist .....	51

Date: \_\_\_\_\_

## **Audio ICTs**



---

Name the devices shown in the pictures.  
What do they do?

Date: \_\_\_\_\_

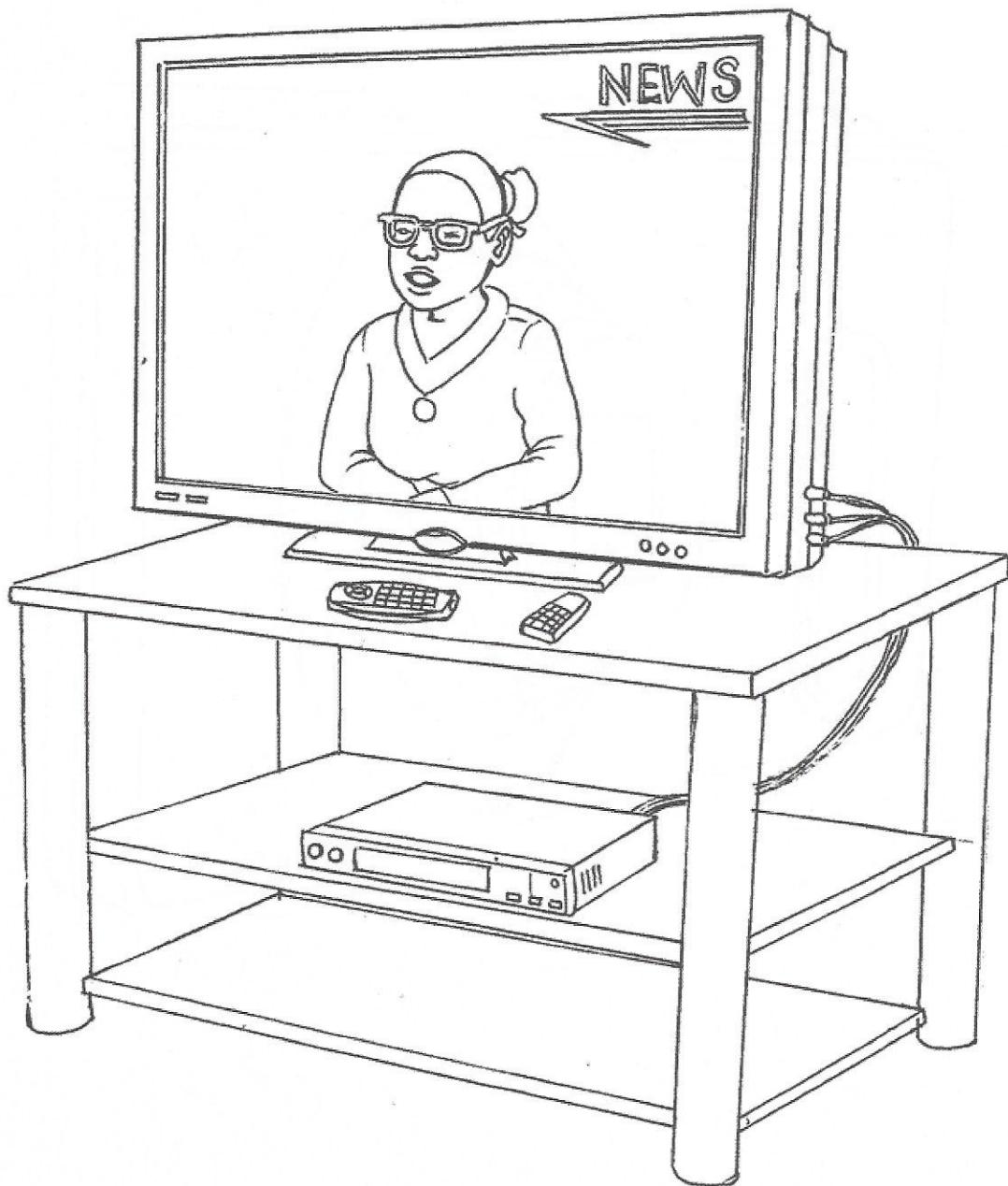
## Personal communication



Name the device shown in the picture.  
Colour in.

Date: \_\_\_\_\_

## Visual communication

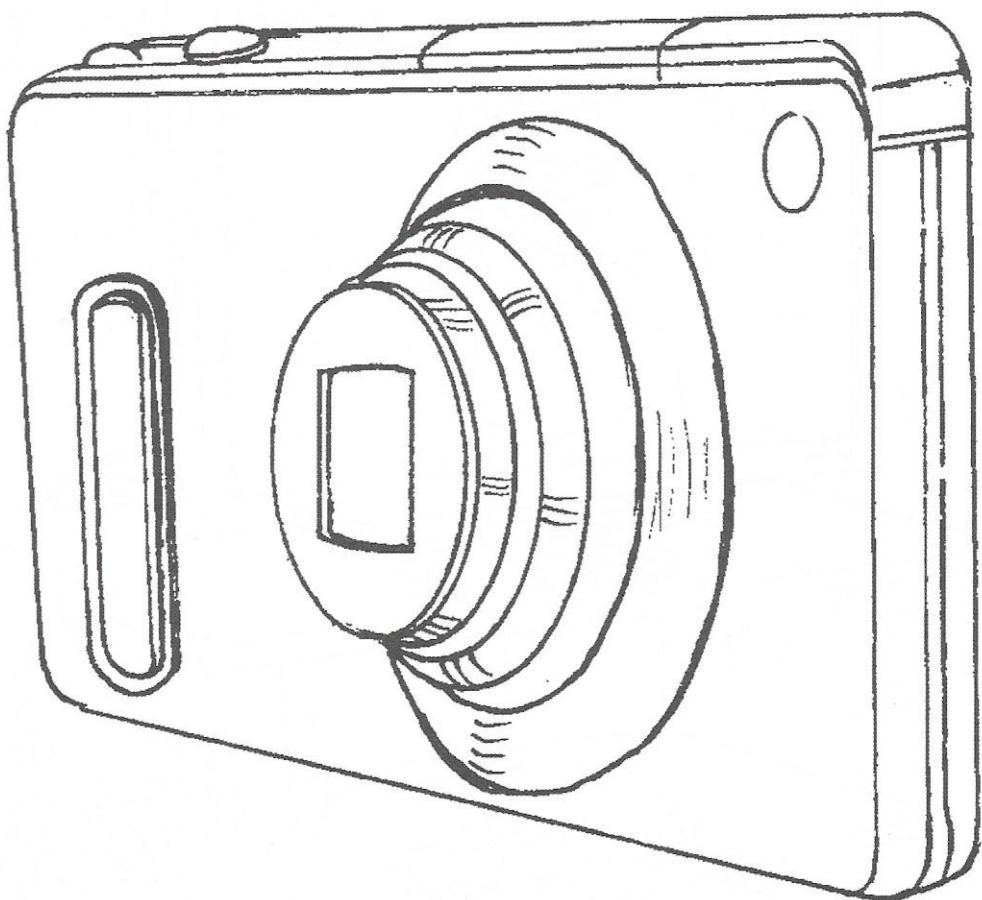


---

Name the device shown in the picture.  
Colour in the picture.

Date: \_\_\_\_\_

## Recording events

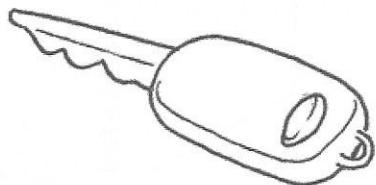
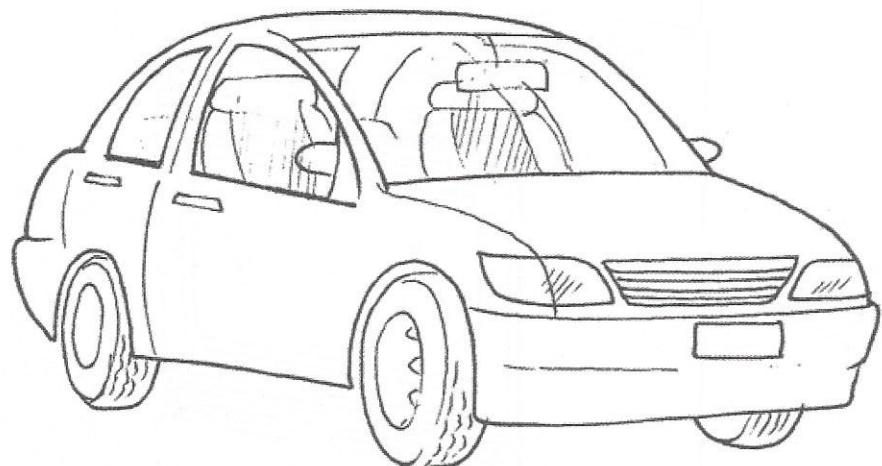
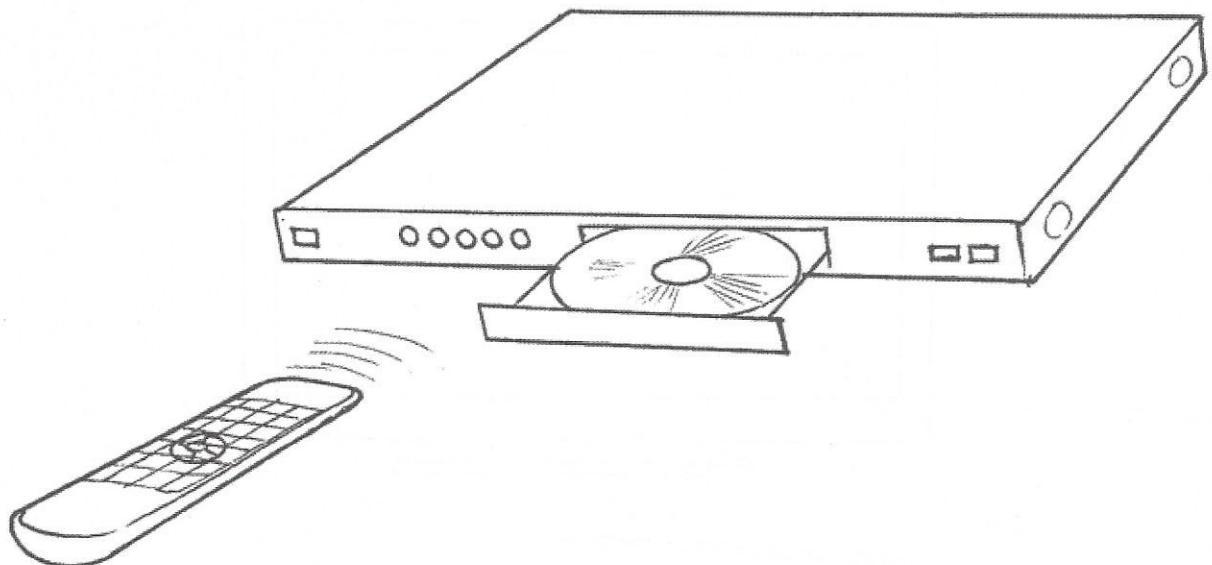


---

Name the device.  
Colour in.

Date: \_\_\_\_\_

## Remote control

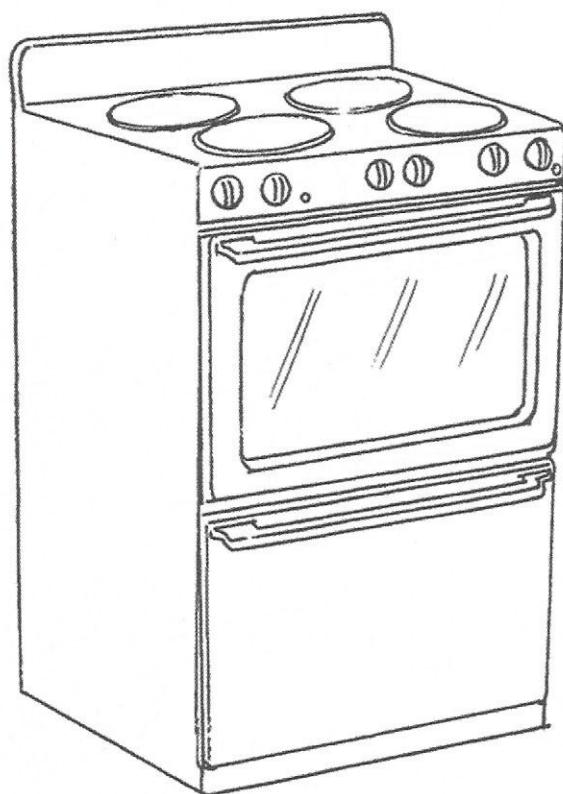
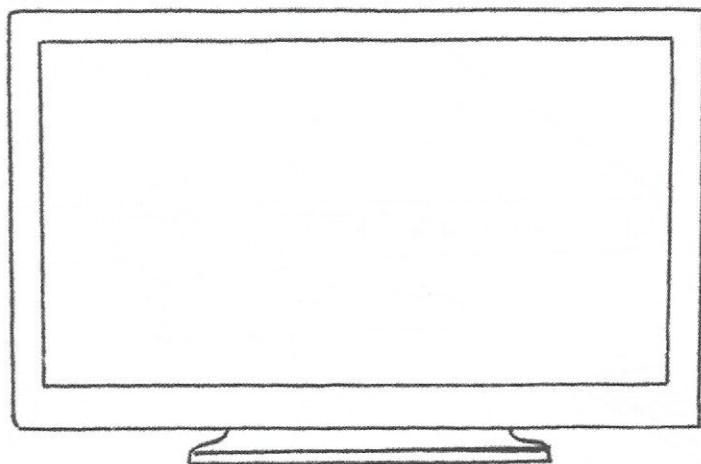


---

Colour in the picture.

Date: \_\_\_\_\_

## ICTs in the home



---

What are the appliances shown in the pictures used for?  
Colour in.

Date: \_\_\_\_\_

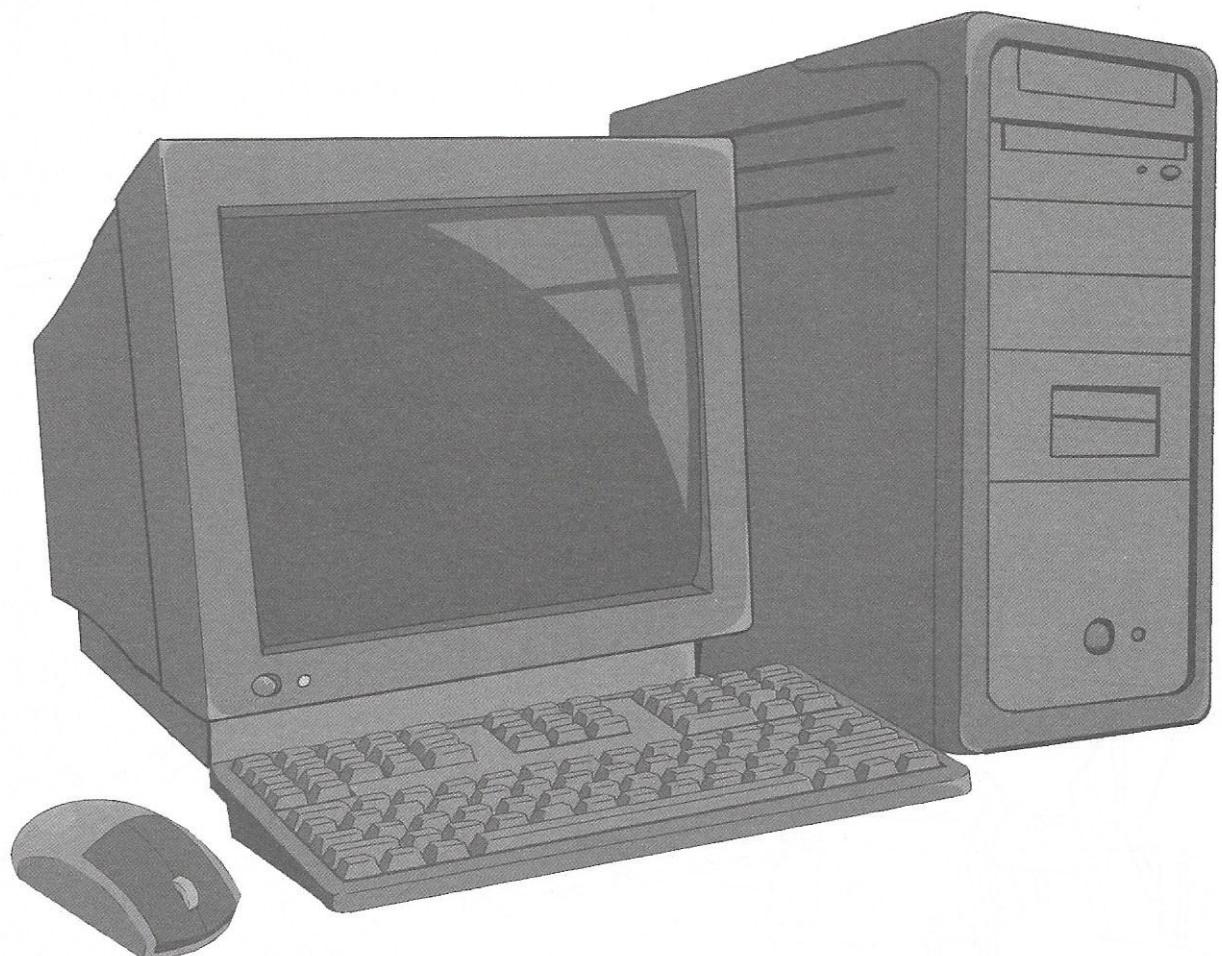
## ICT tools at school



What are the children in the pictures doing?  
Colour in.

Date: \_\_\_\_\_

## Computer hardware

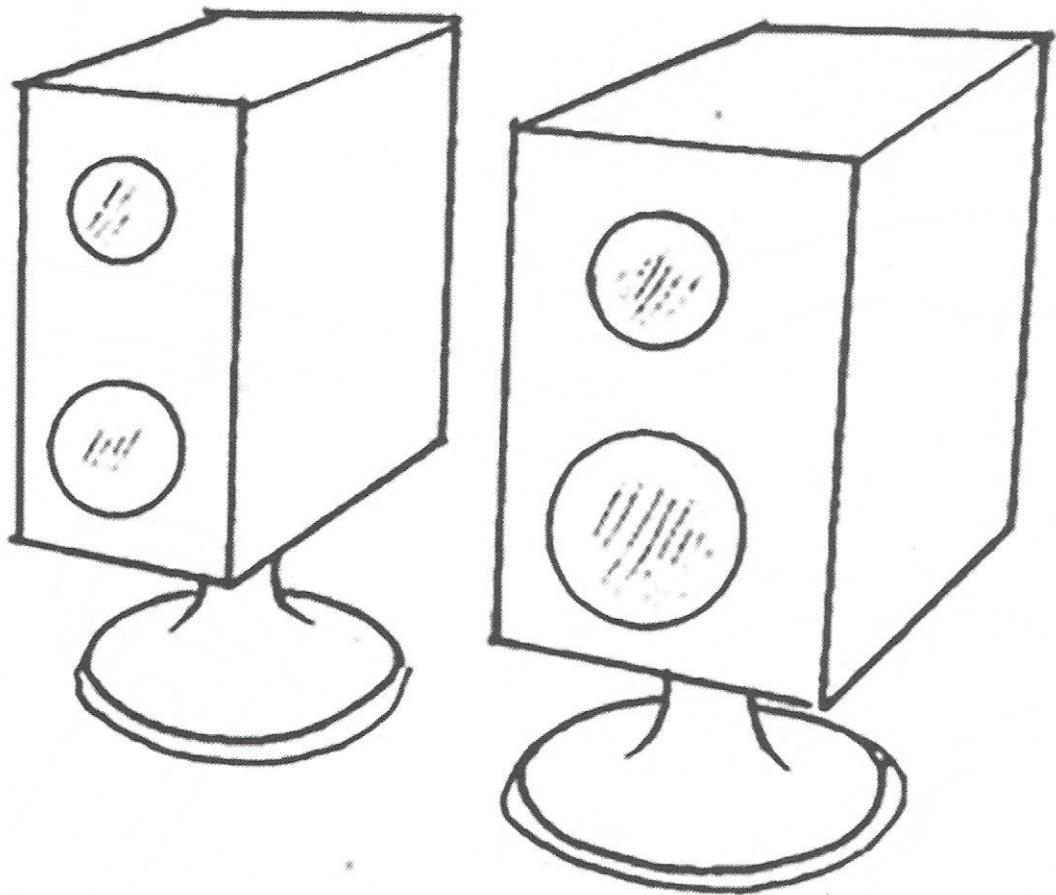


---

Name the parts of the computer.

Date: \_\_\_\_\_

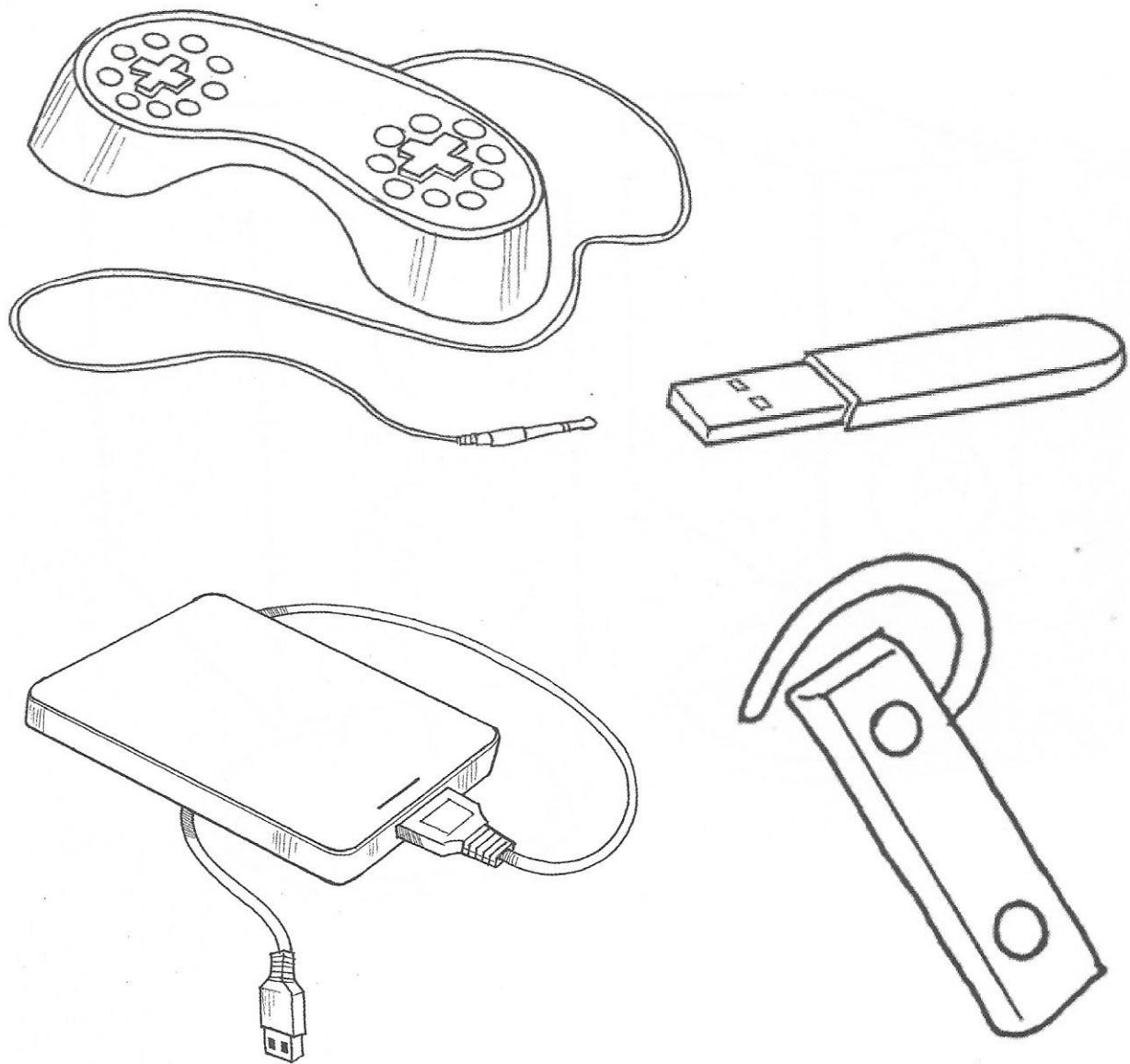
## Input devices and output devices



How do the devices work?  
Colour in the devices.

Date: \_\_\_\_\_

## ICT gadgets



---

Name and colour in.

Date: \_\_\_\_\_

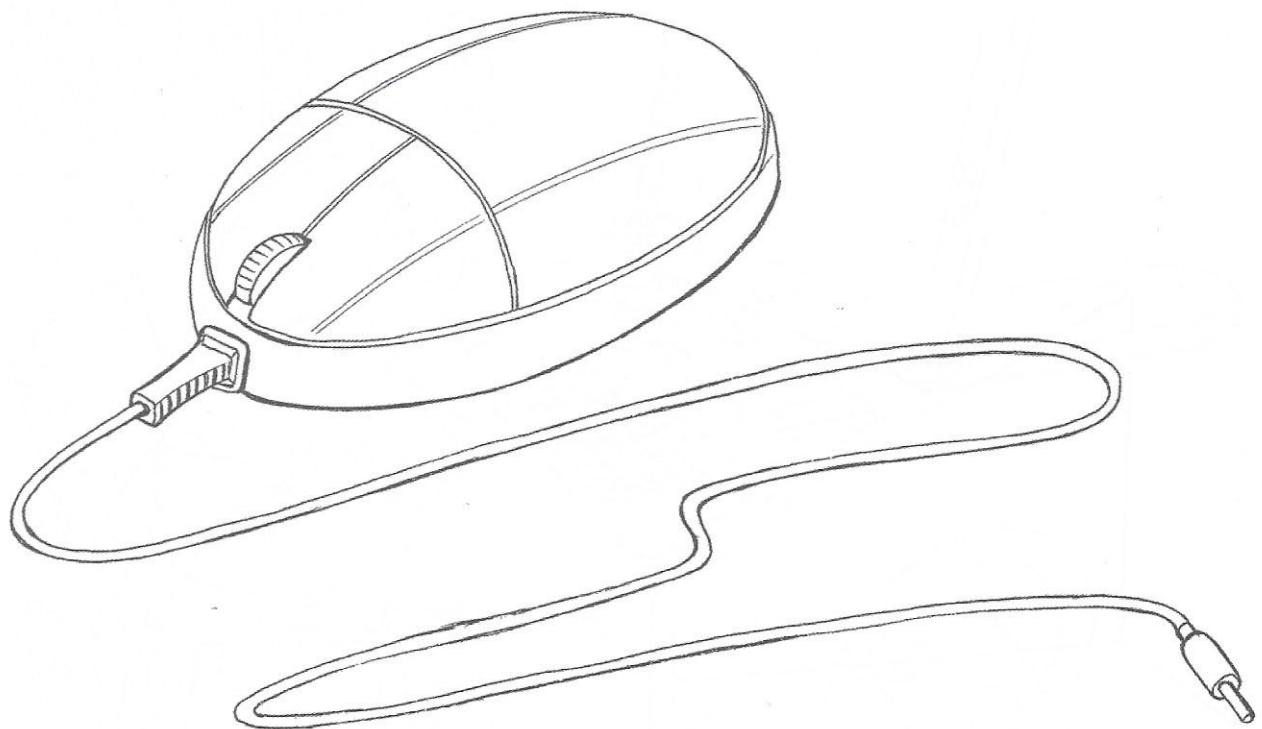
## Switching on and off a computer



Switch the computer on and off.  
Colour in the picture.

Date: \_\_\_\_\_

## Mouse

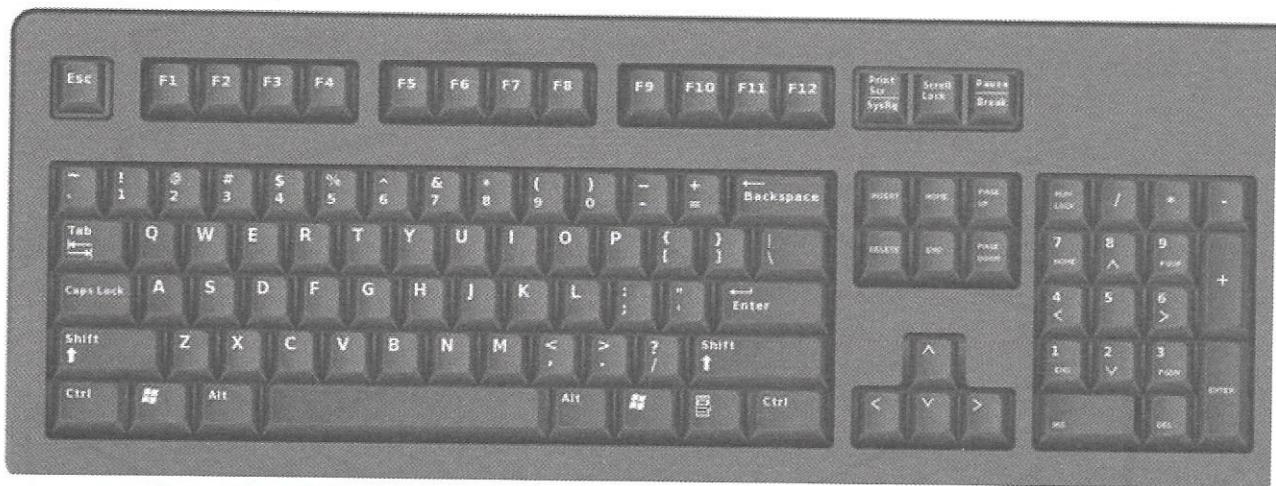


---

Name the device.  
Colour in.

Date: \_\_\_\_\_

## Keyboard



R

S

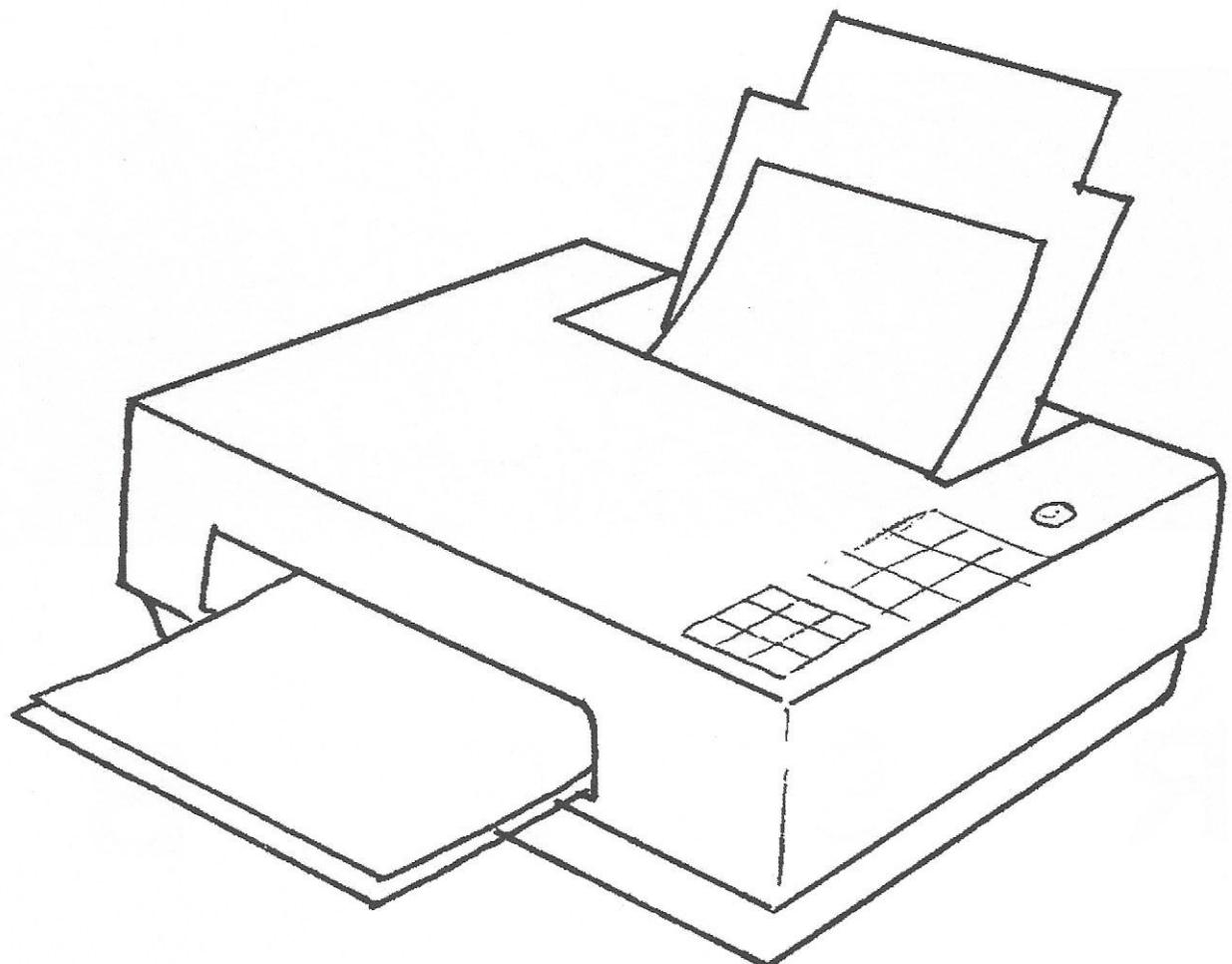
F

B

Name the device.  
Find the symbols on the keyboard.

Date: \_\_\_\_\_

## Printer

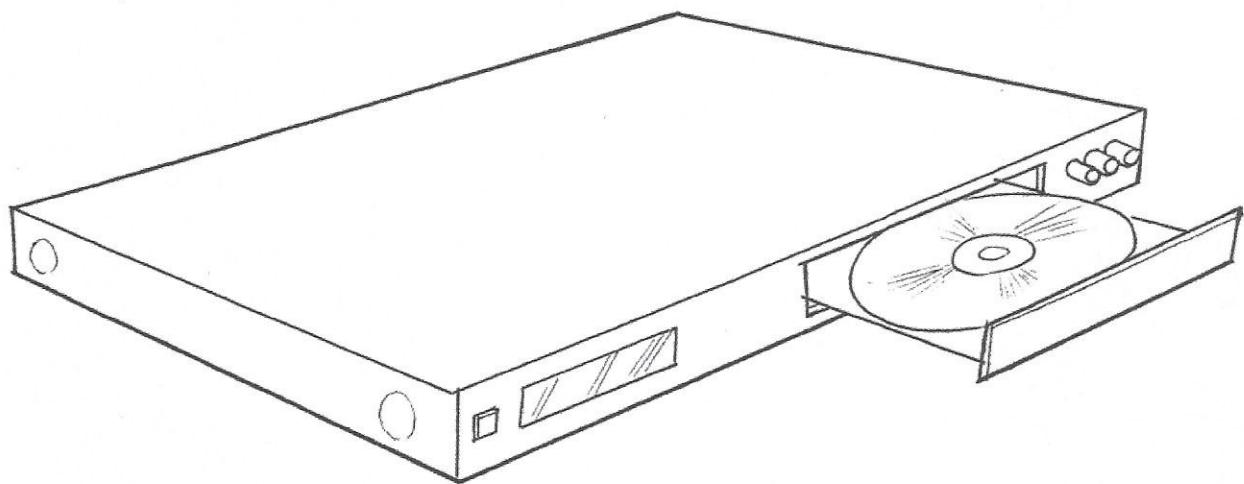


---

Name the device.  
Colour in.

Date: \_\_\_\_\_

## Digital Video Disk (DVD)

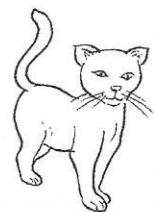
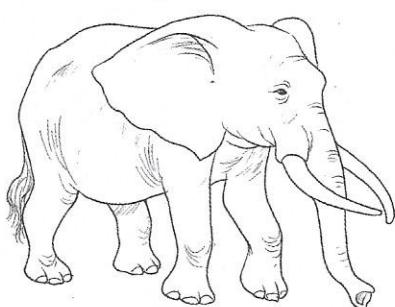
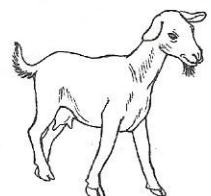
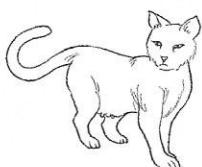
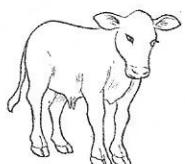
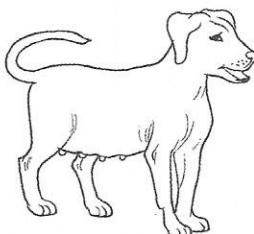
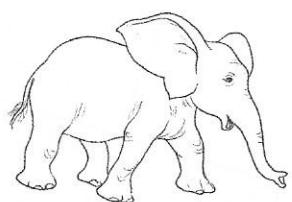
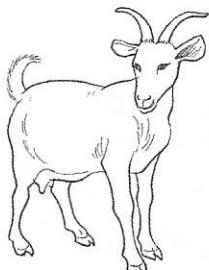
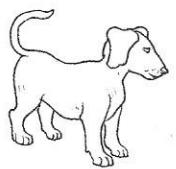
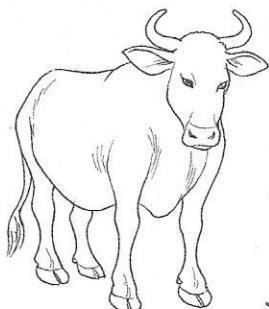


---

Name the devices.  
Colour in where DVD player is?

Date: \_\_\_\_\_

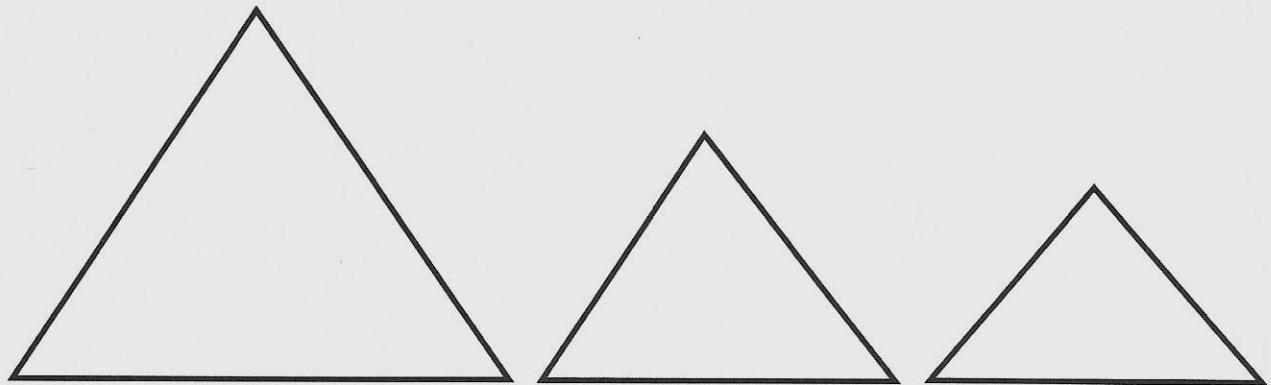
## Matching



Match the mother to its young one.

Date: \_\_\_\_\_

## Triangles

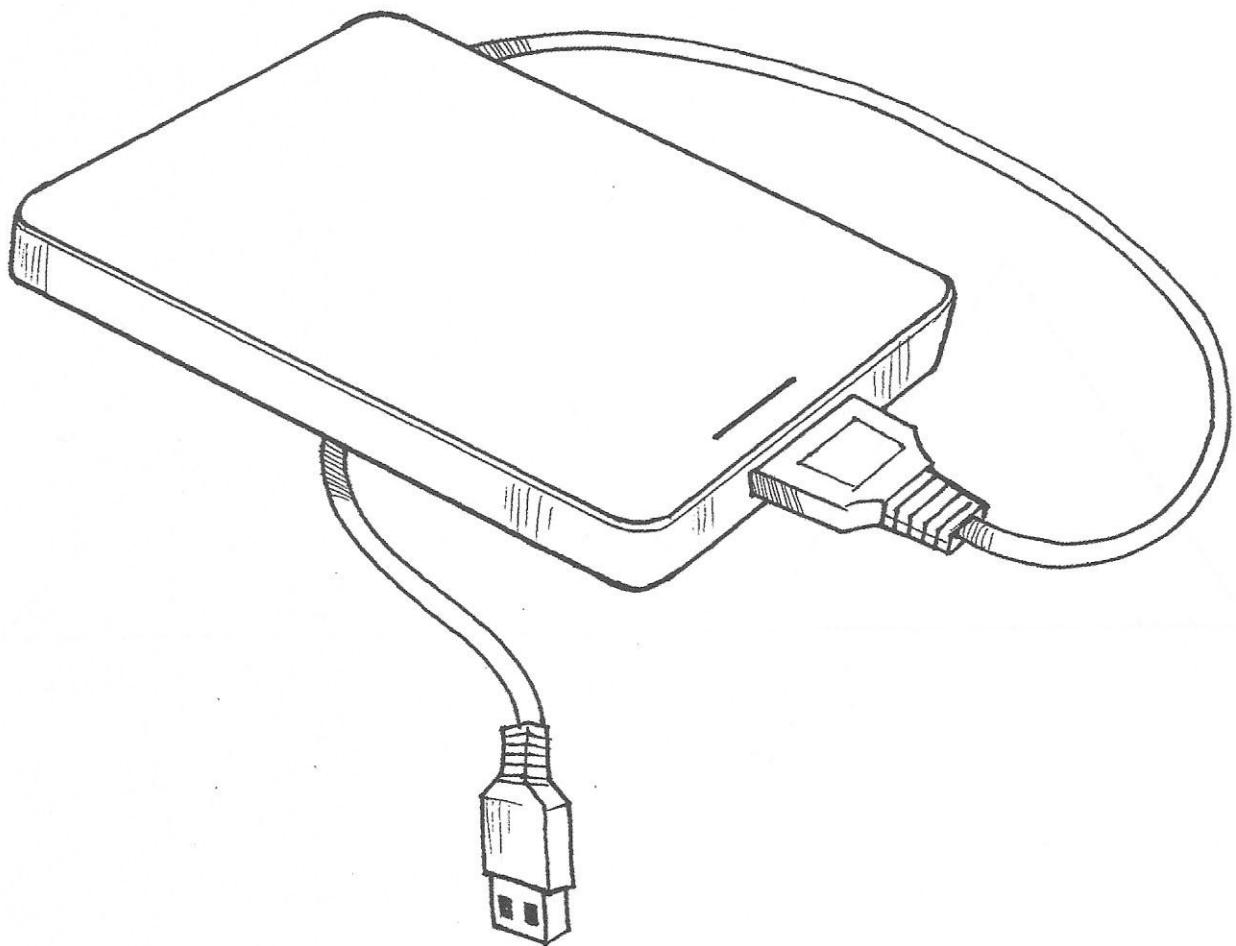


---

Colour in triangles.

Date: \_\_\_\_\_

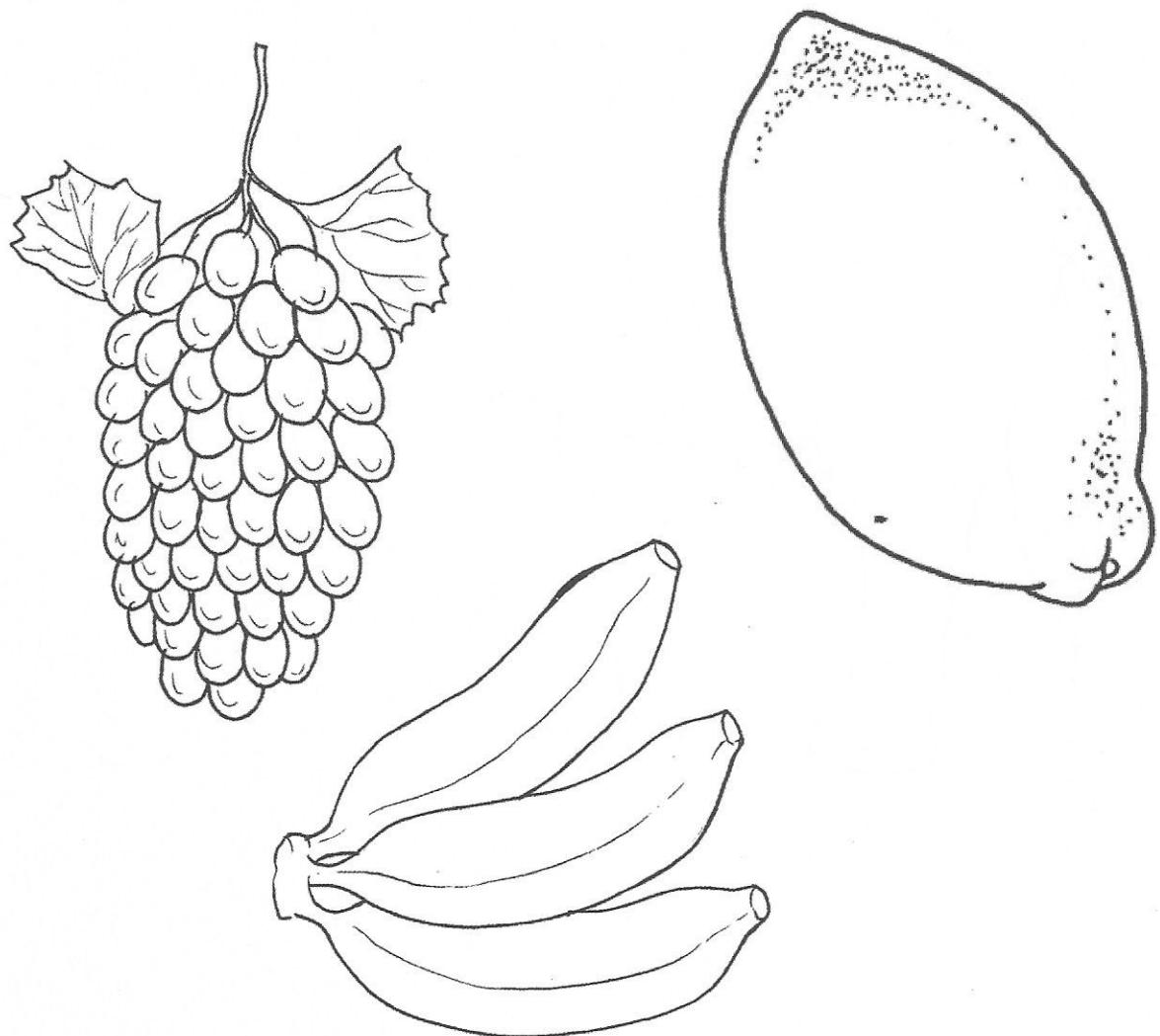
## Data storage devices



Colour in the storage device.

Date: \_\_\_\_\_

## Fruit

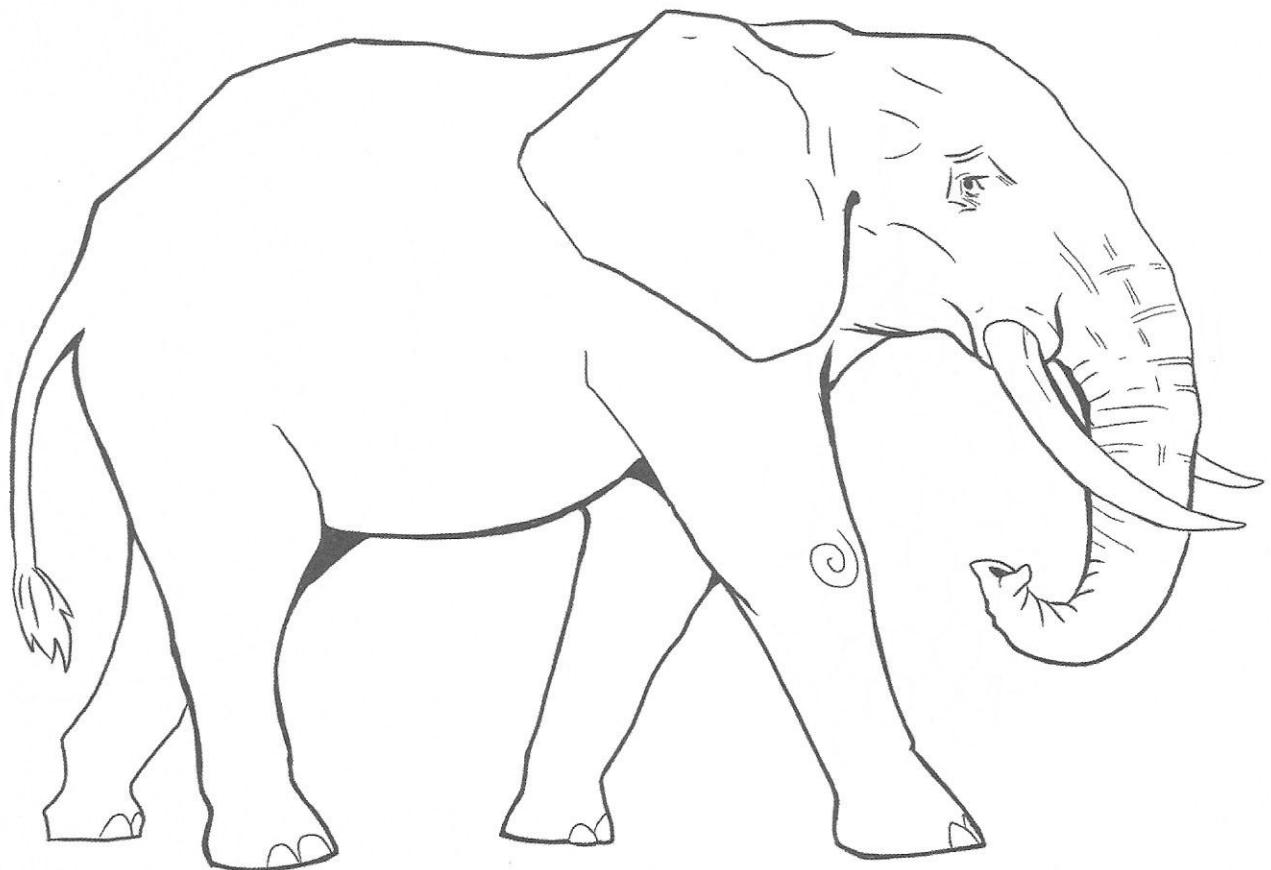


---

Colour in the fruit.

Date: \_\_\_\_\_

## Animals that live on land

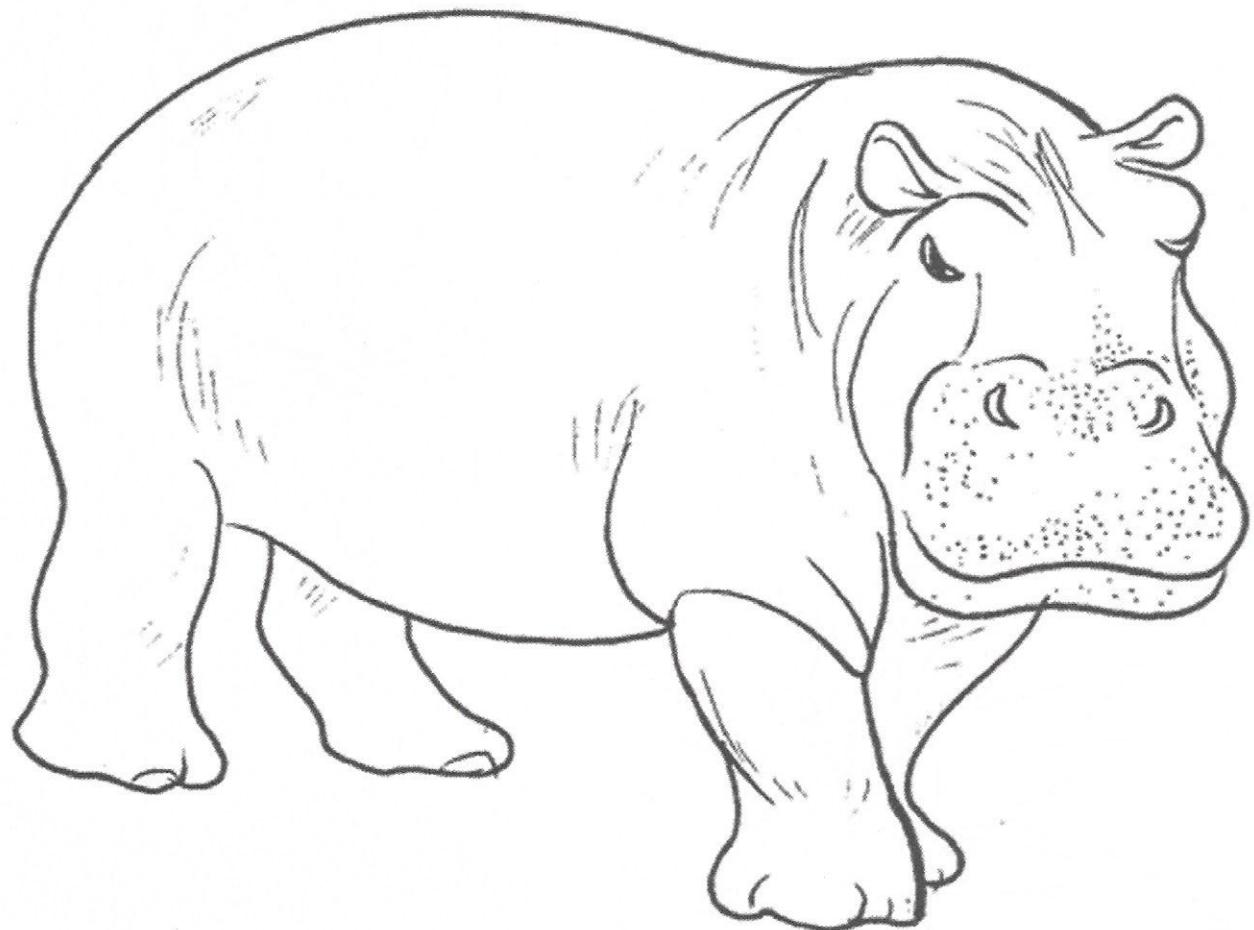


---

Name the animal.  
Colour in.

Date: \_\_\_\_\_

## Animals that live in water

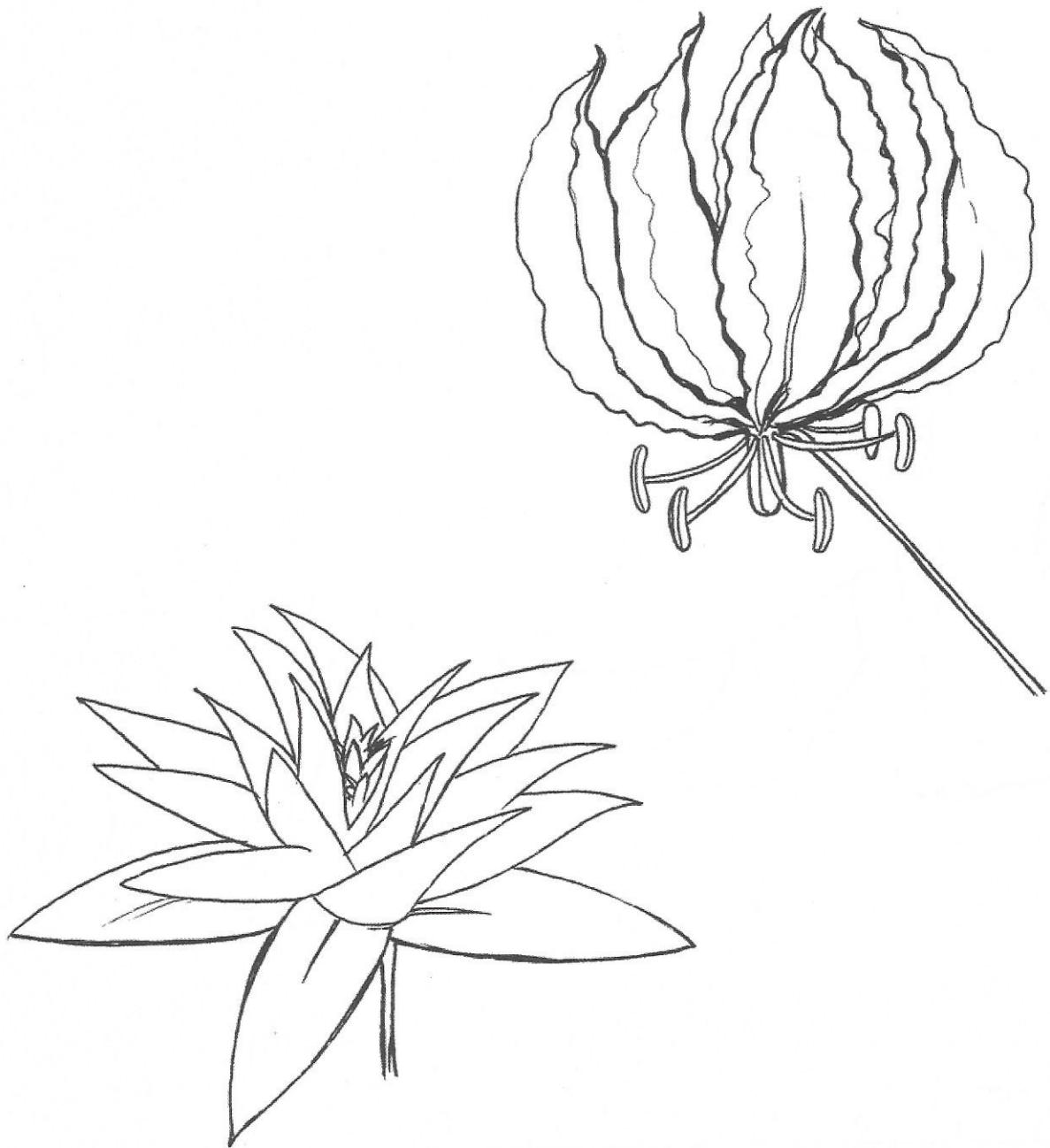


---

Where does this animal live?  
Colour in.

Date: \_\_\_\_\_

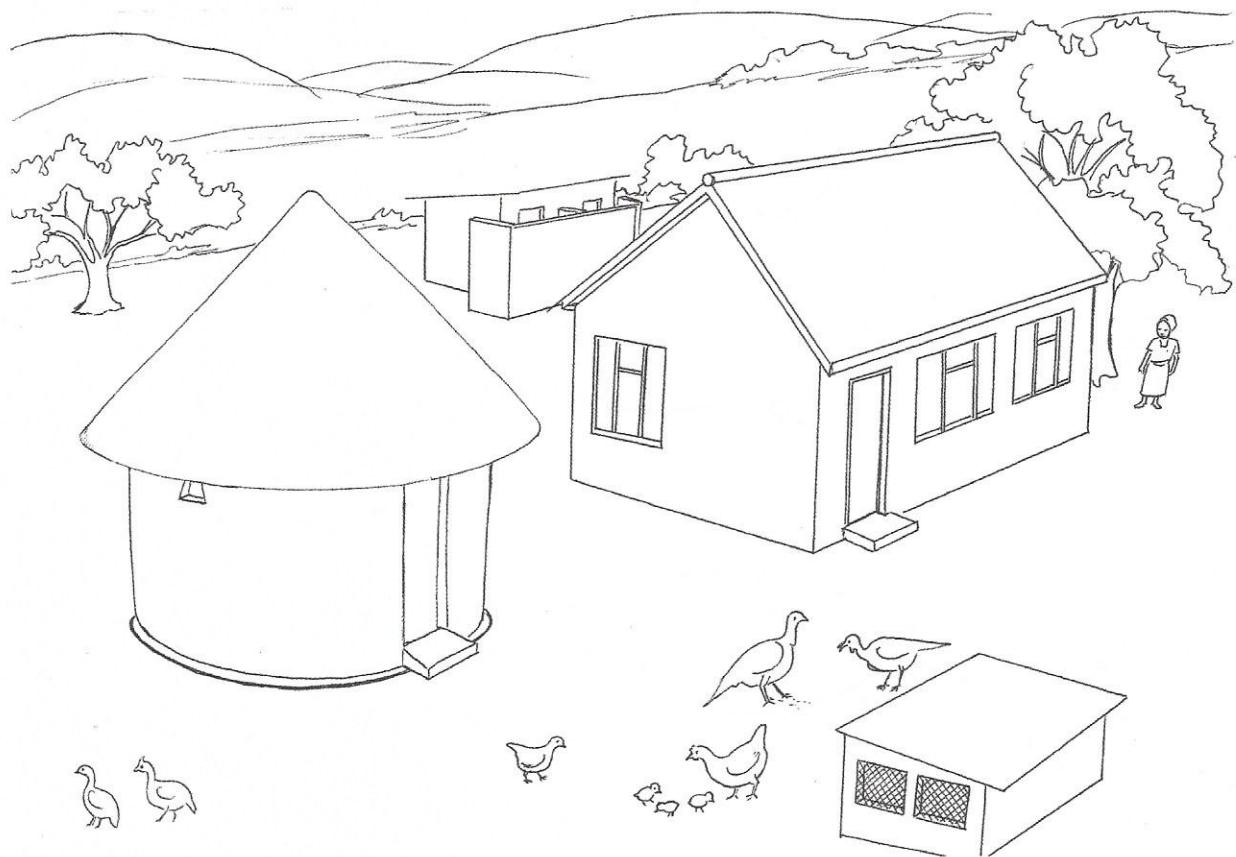
## National flower



Name the flowers in the pictures.  
Colour in the flame lily.

Date: \_\_\_\_\_

## Home

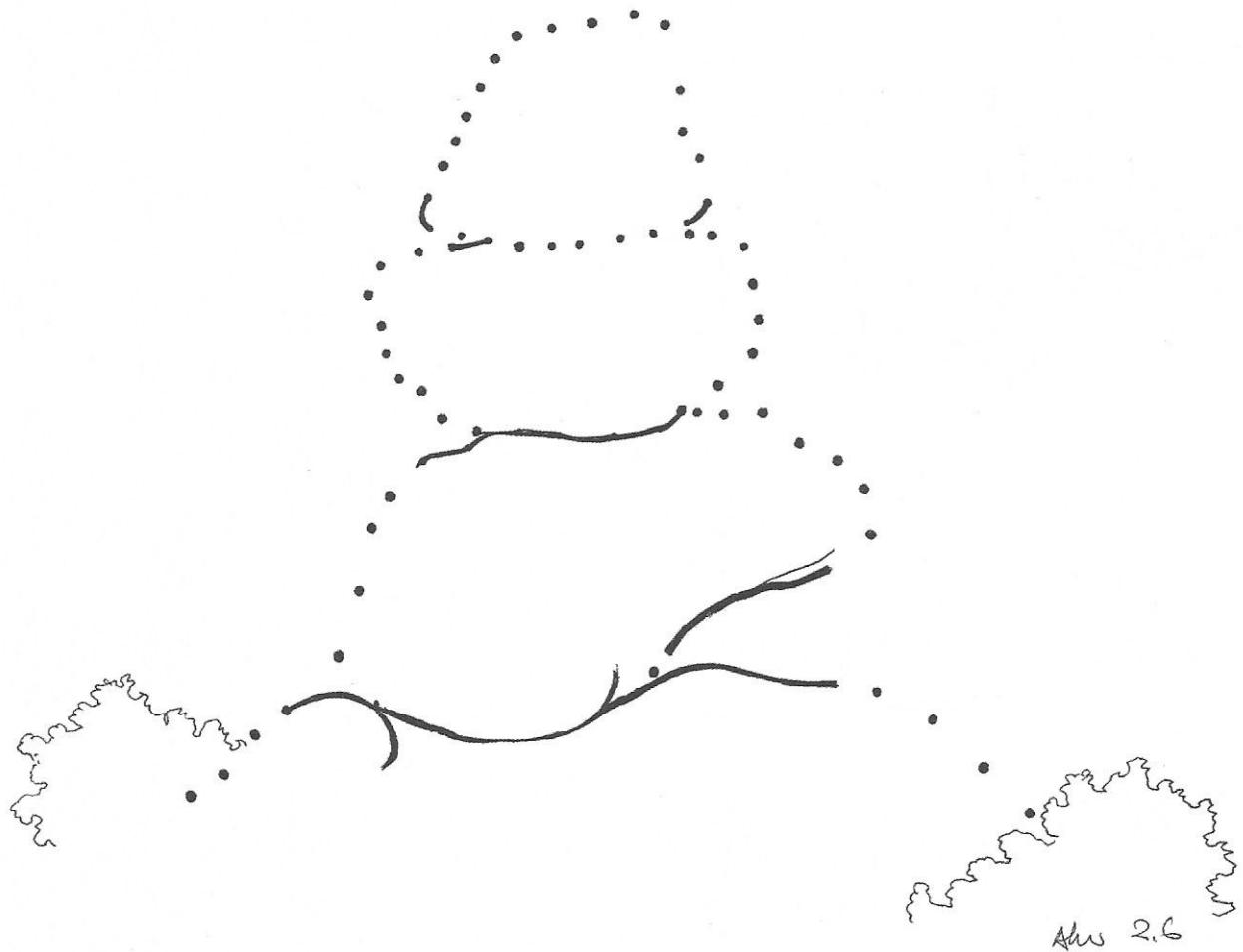


---

Look at the picture.  
Colour in.

Date: \_\_\_\_\_

## Balancing rocks

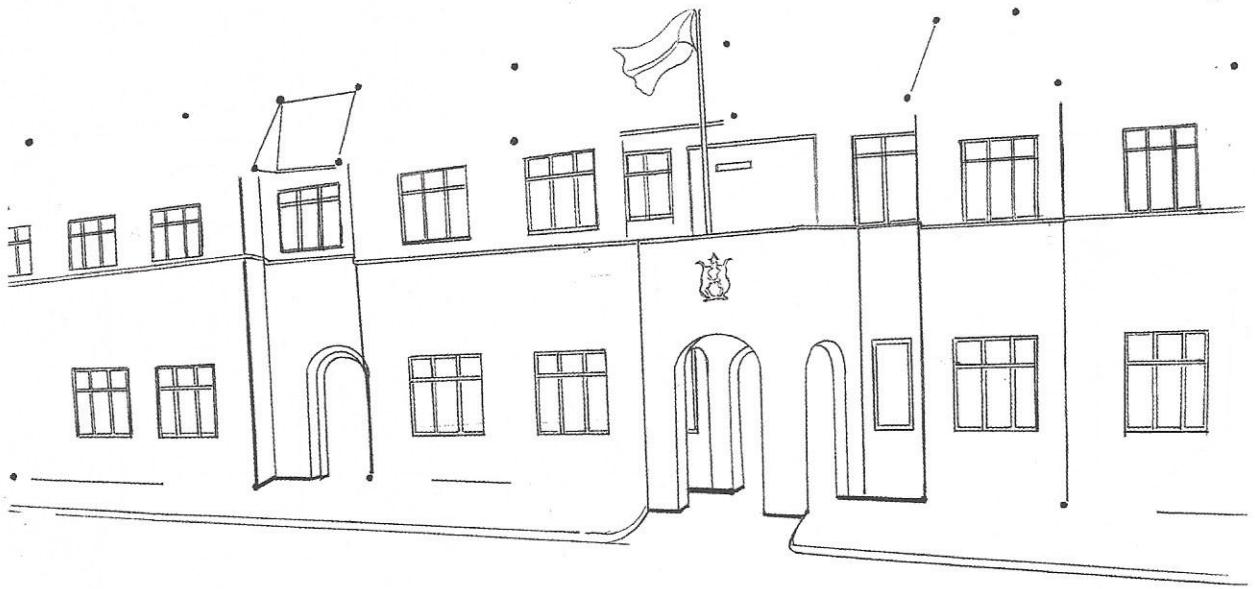


Aus 2.6

Join the dots to complete the picture.

Date: \_\_\_\_\_

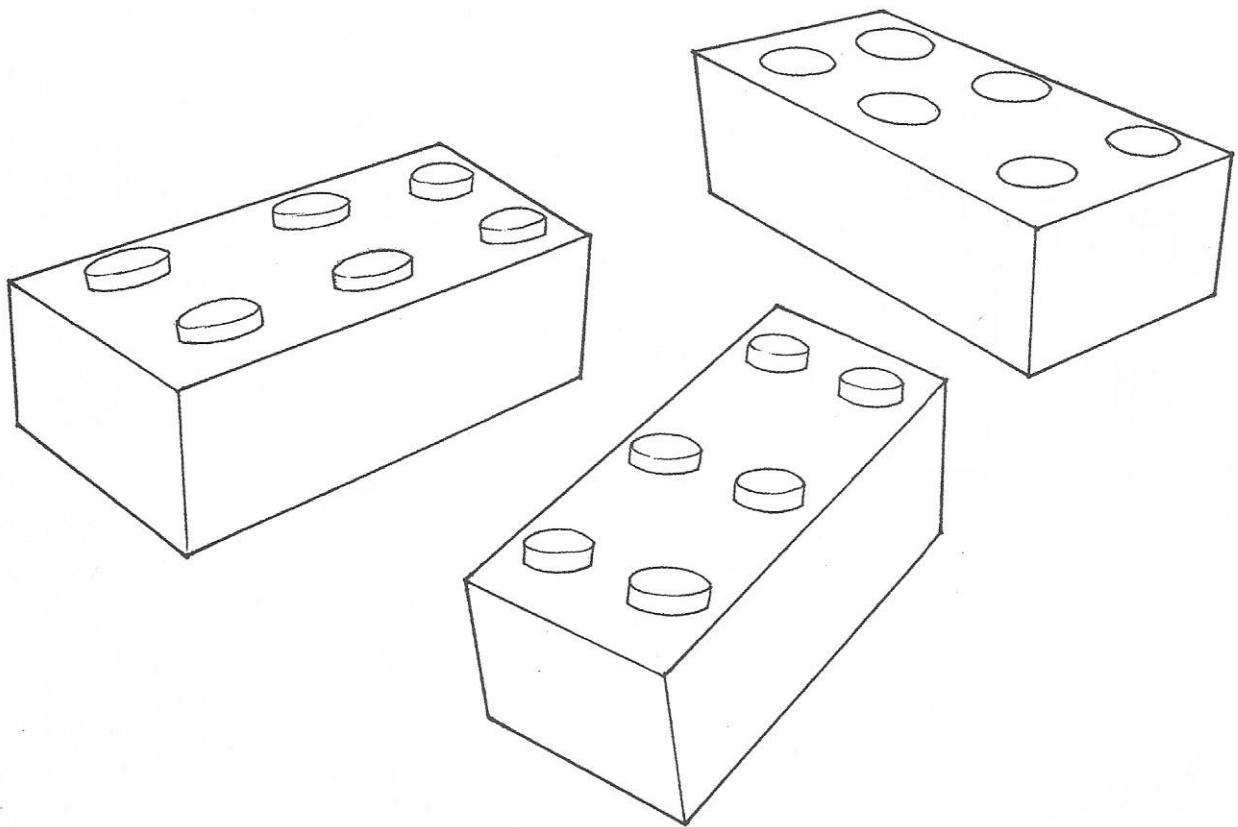
## Parliament of Zimbabwe



Join in the dots to complete the picture.

Date: \_\_\_\_\_

## Building blocks

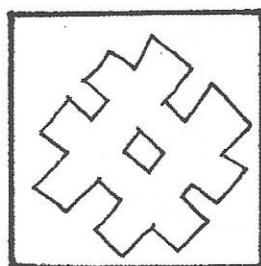
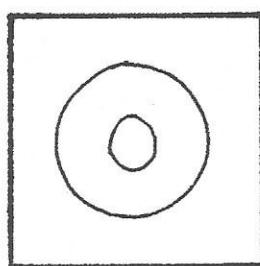
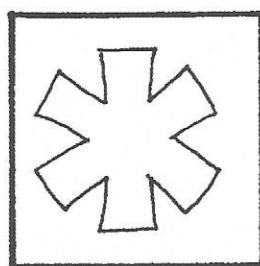
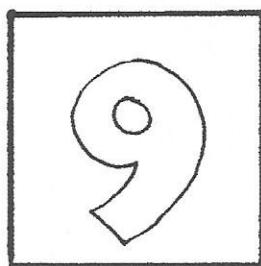
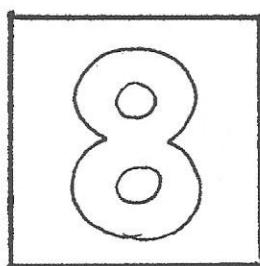
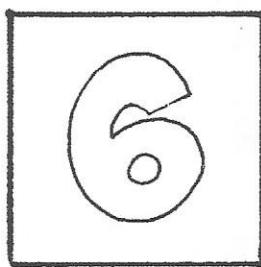
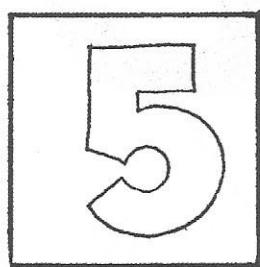
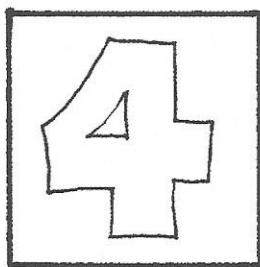
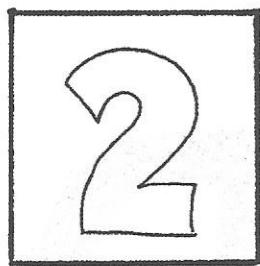
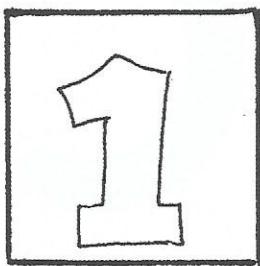


---

Look at the building blocks.  
Which one is the same?

Date: \_\_\_\_\_

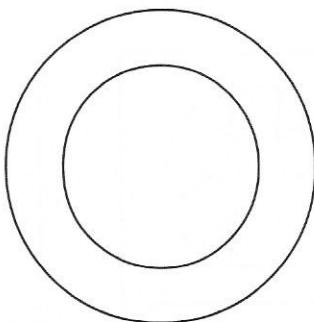
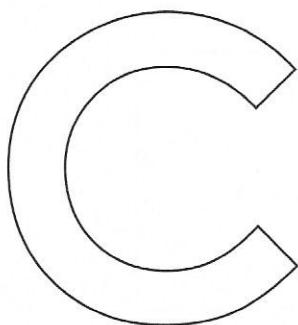
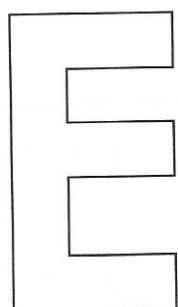
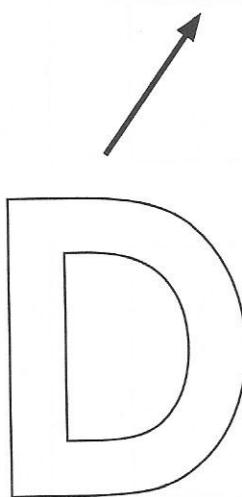
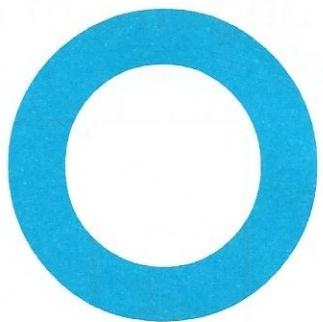
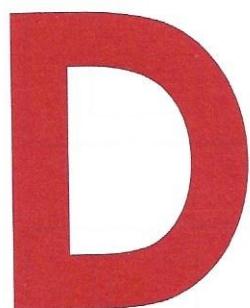
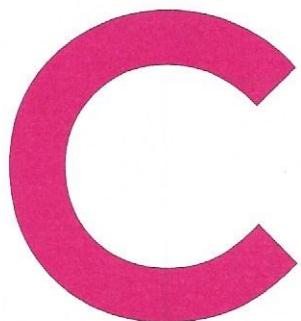
## Arrangement of numbers on a telephone



Where are these numbers found?  
Colour in.

Date: \_\_\_\_\_

## Keyboard symbols



Colour in the symbols.  
Use an arrow to match.

Date: \_\_\_\_\_

## Keyboard symbols

B

T

A

A

I

B

I

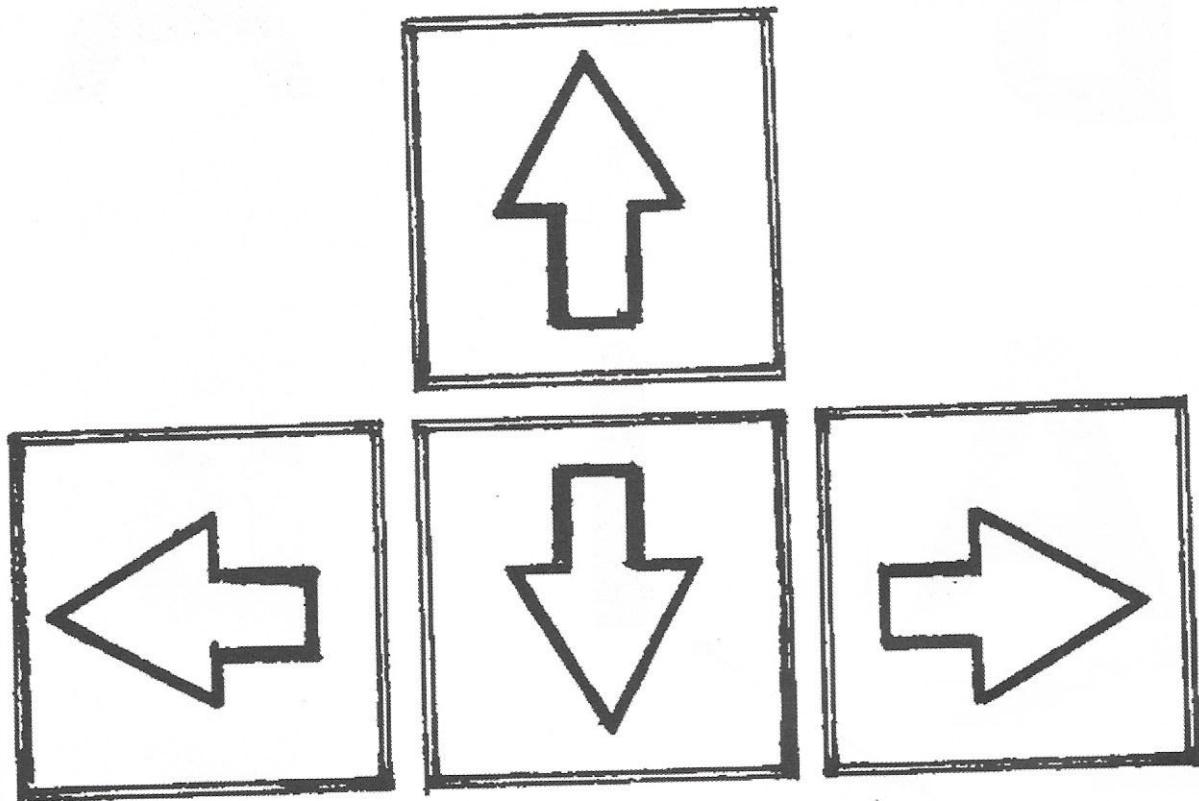
T



Draw arrows to match the symbols.

Date: \_\_\_\_\_

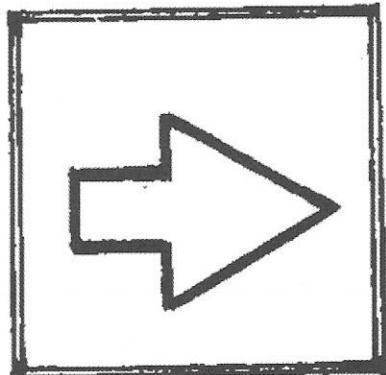
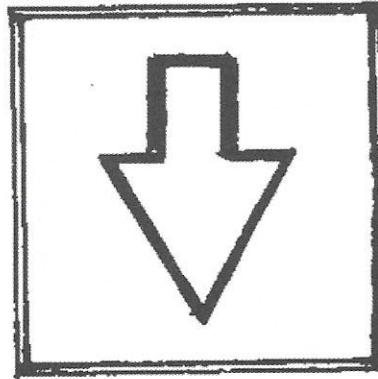
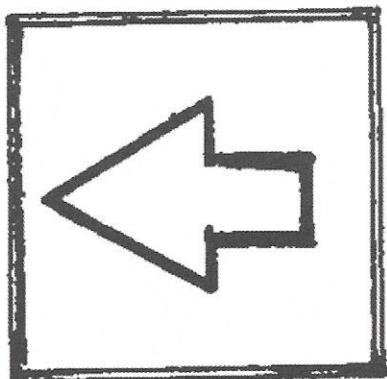
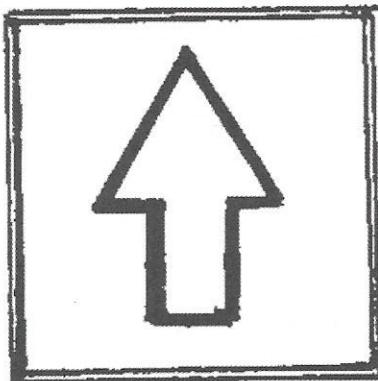
## Cursor keys



Colour in the arrows that are pointing to the left and to the right.

Date: \_\_\_\_\_

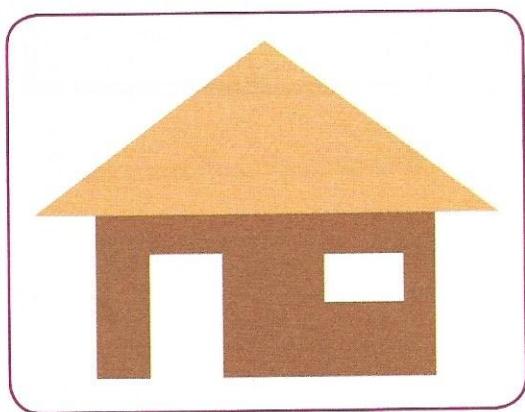
## Cursor keys



Colour in the arrows that are pointing upwards and downwards.

Date: \_\_\_\_\_

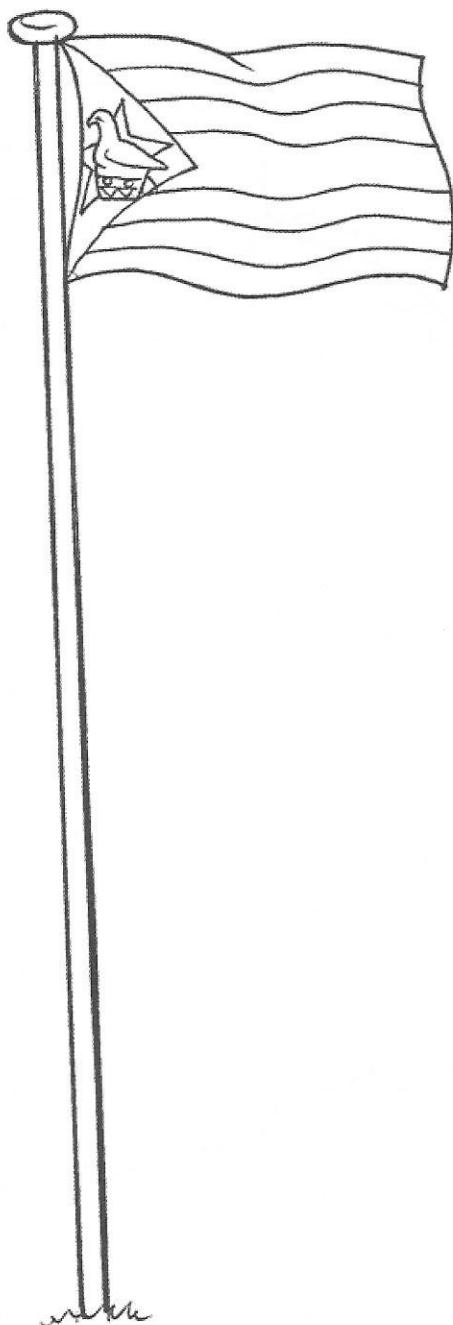
## Drawing and painting with the keyboard



Look at the picture.  
Draw a picture and paint as you would like with a keyboard.

Date: \_\_\_\_\_

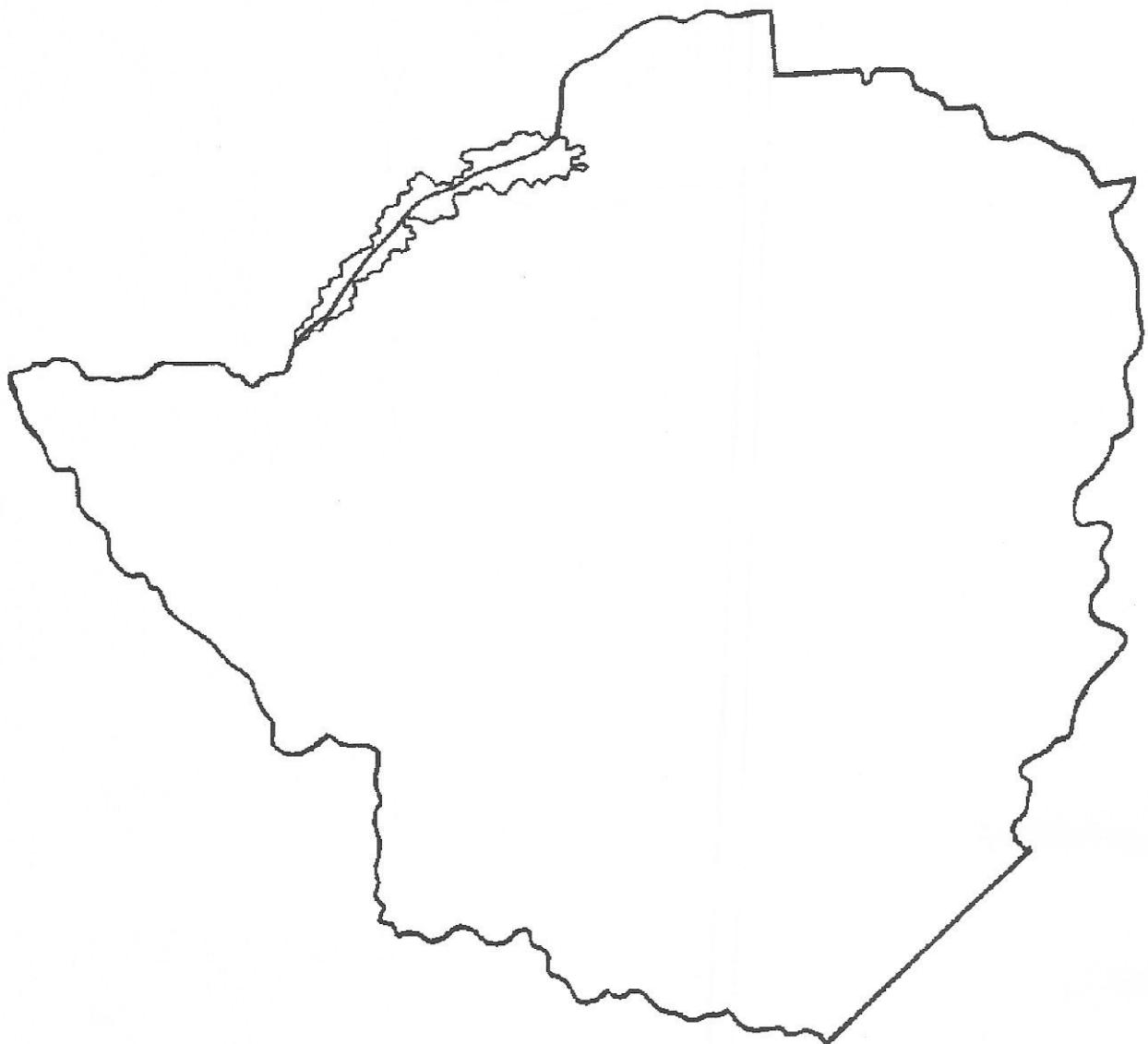
## The Zimbabwean flag



Colour in the flag using the national colours.

Date: \_\_\_\_\_

## Map of Zimbabwe

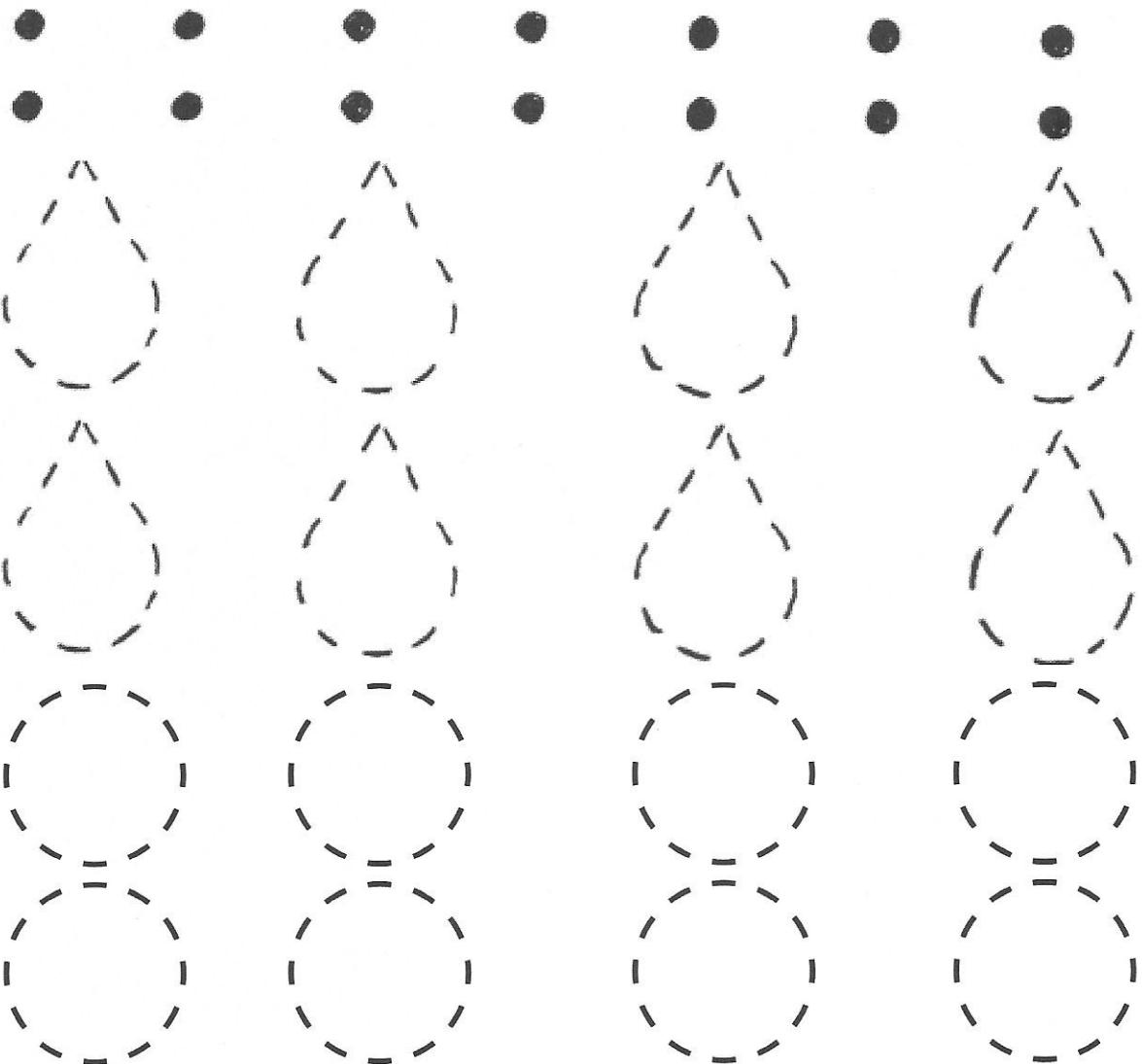


---

Trace the map of Zimbabwe.  
show where you stay.

Date: \_\_\_\_\_

## **Patterns**



Complete the patterns by joining in.

Date: \_\_\_\_\_

## Patterns

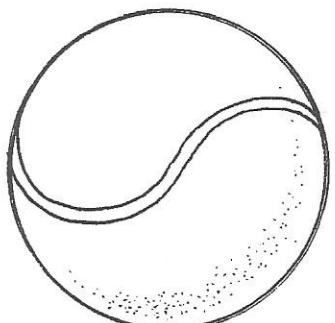
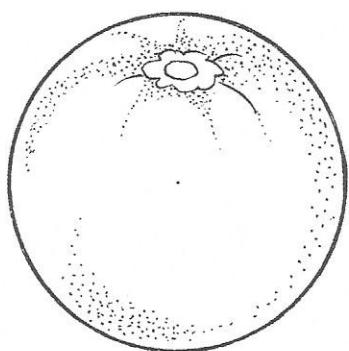
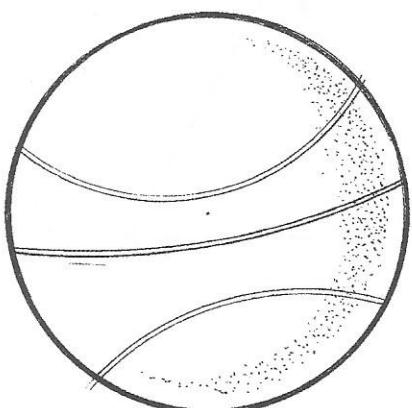
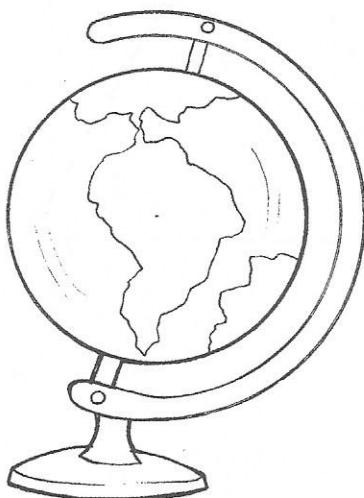
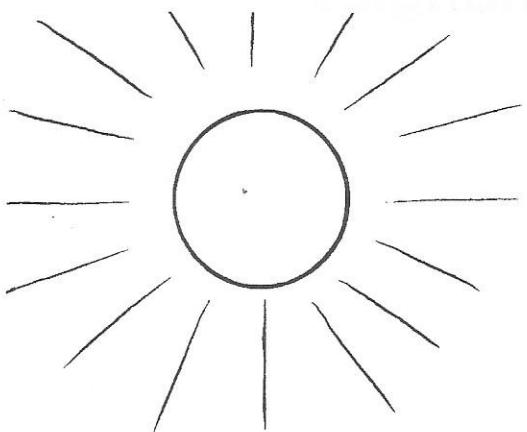
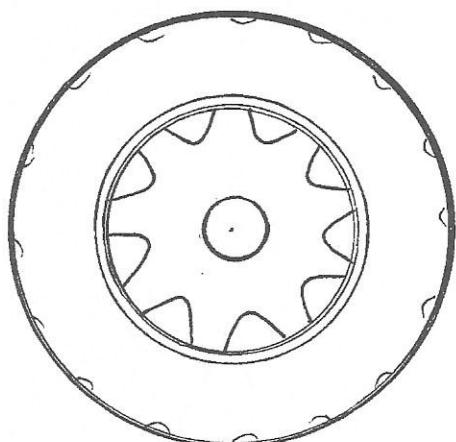


---

Draw your own pattern below.

Date: \_\_\_\_\_

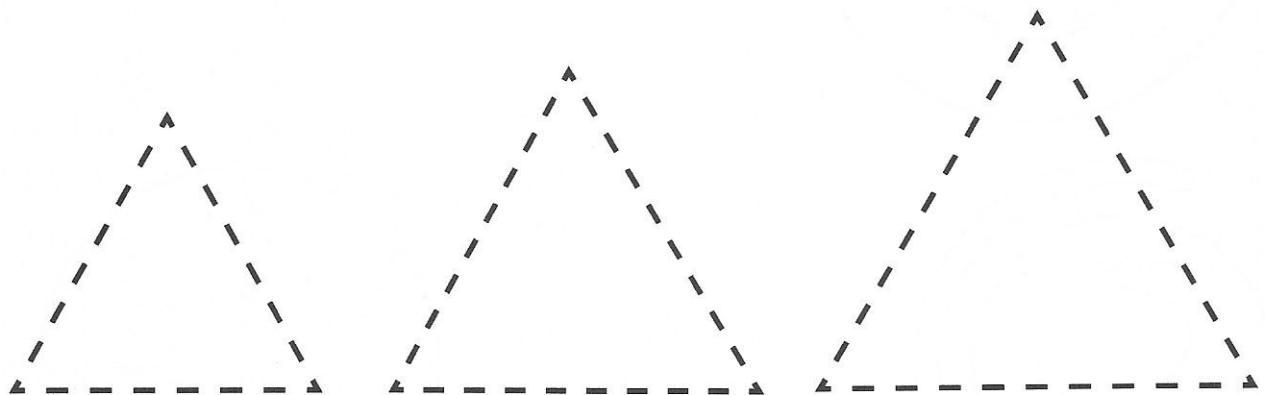
## Where is the circle?



Colour in the spheres in the pictures.

Date: \_\_\_\_\_

## Triangles

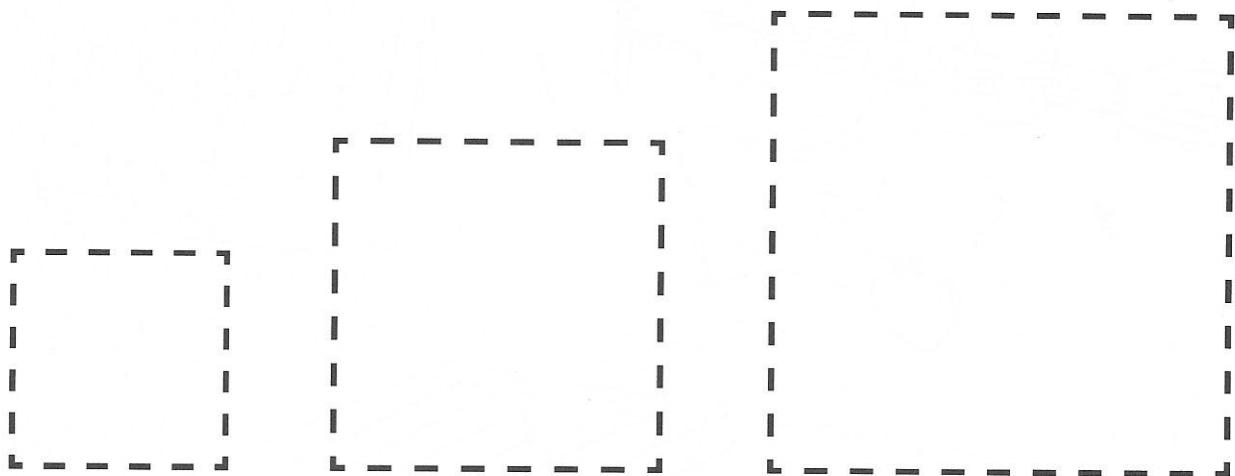


---

Join the dots.  
Colour in.

Date: \_\_\_\_\_

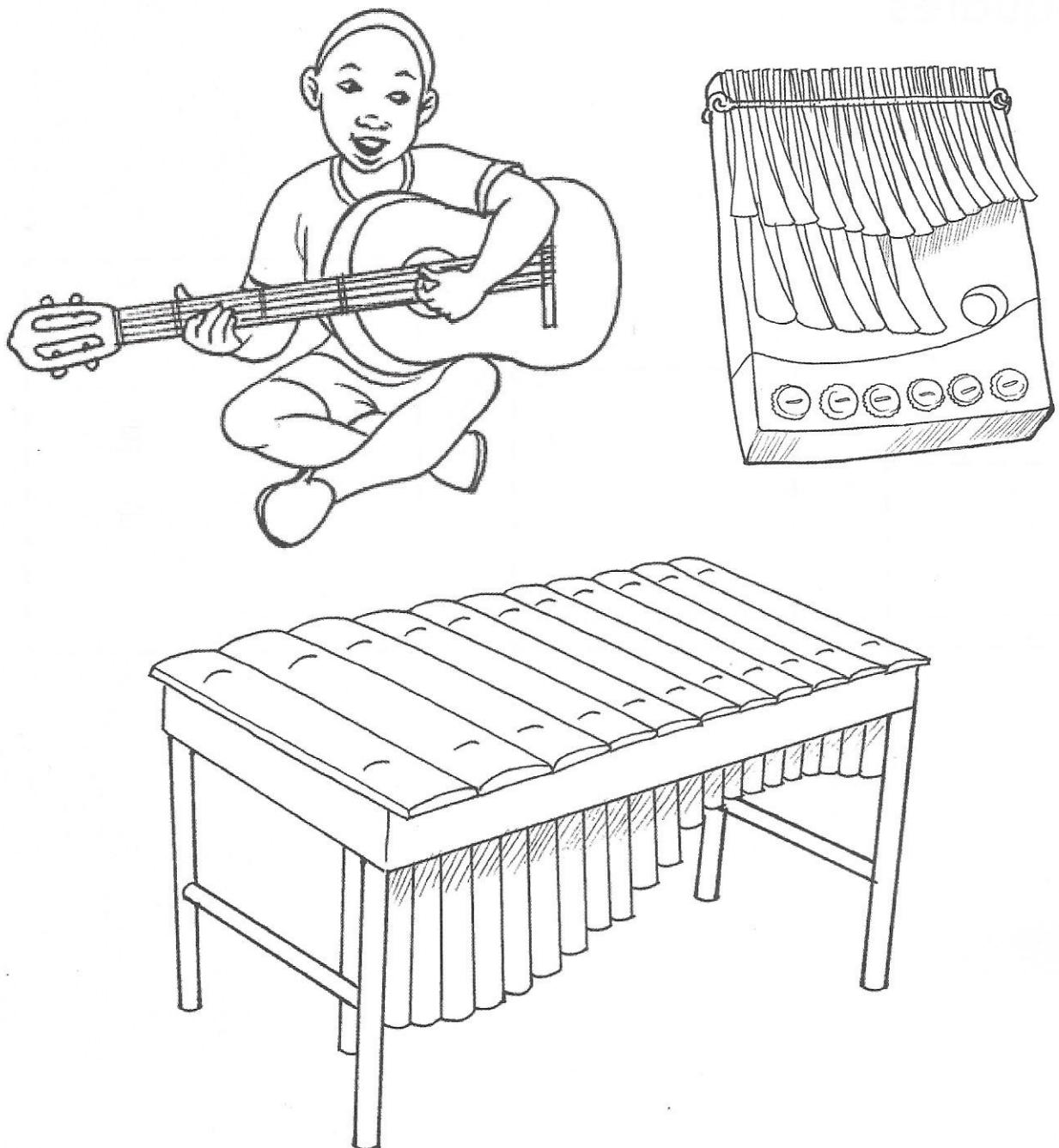
## Squares



Join the dots.  
Colour in.

Date: \_\_\_\_\_

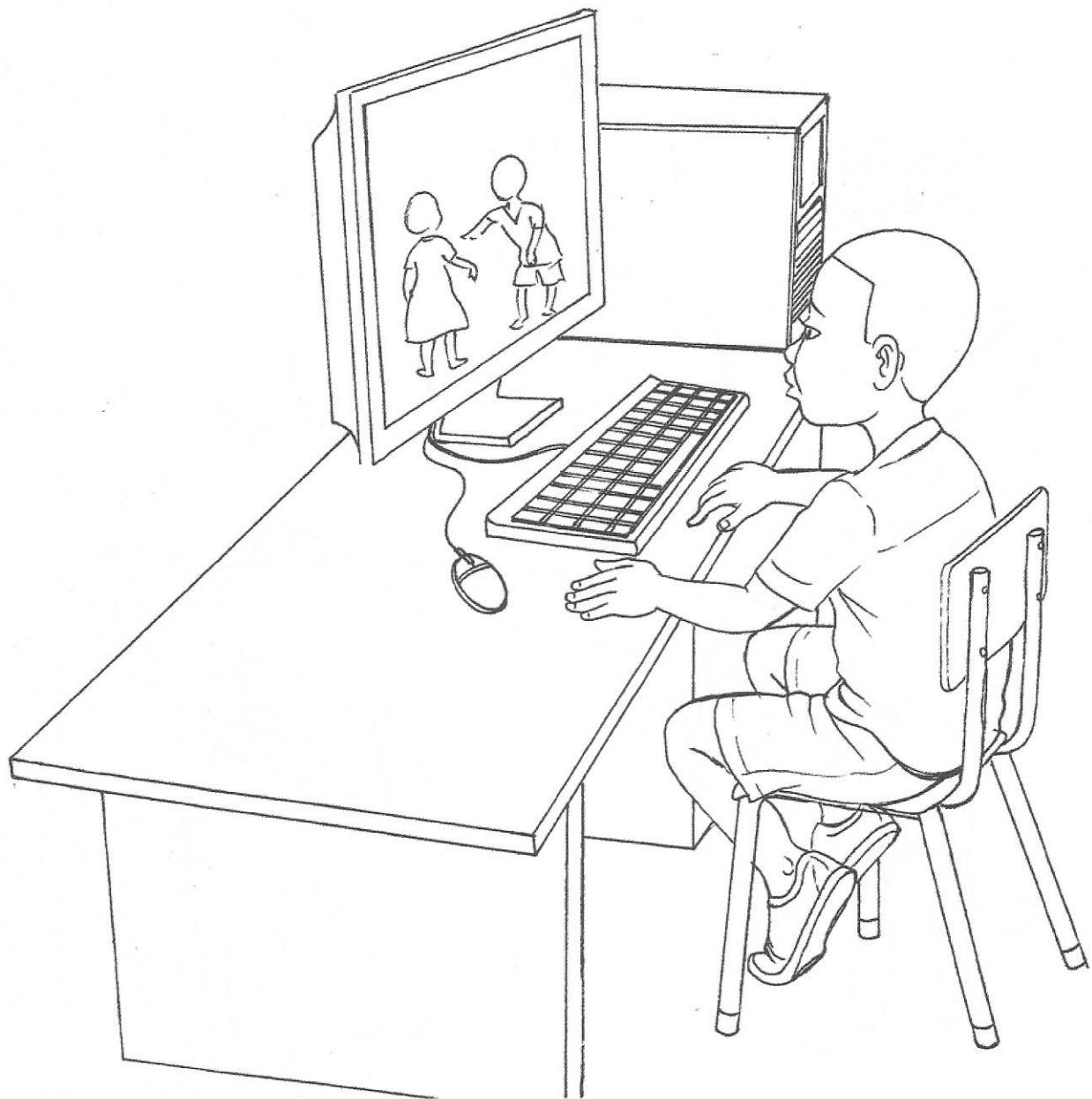
## Music



Name the instruments.  
Colour in.

Date: \_\_\_\_\_

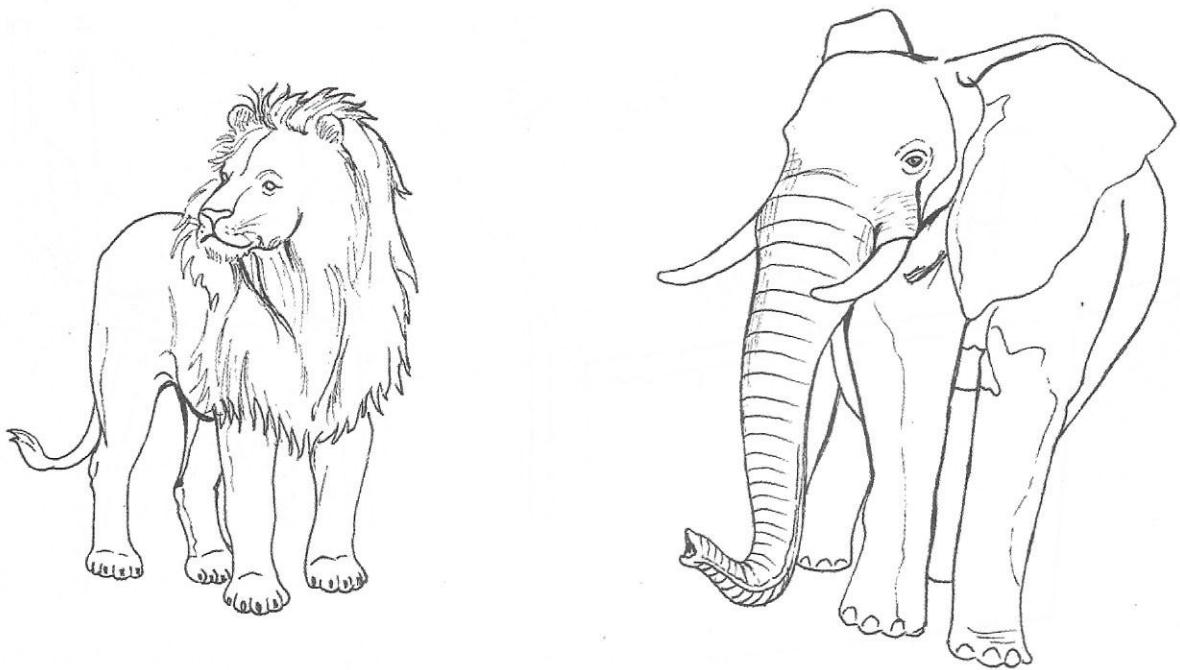
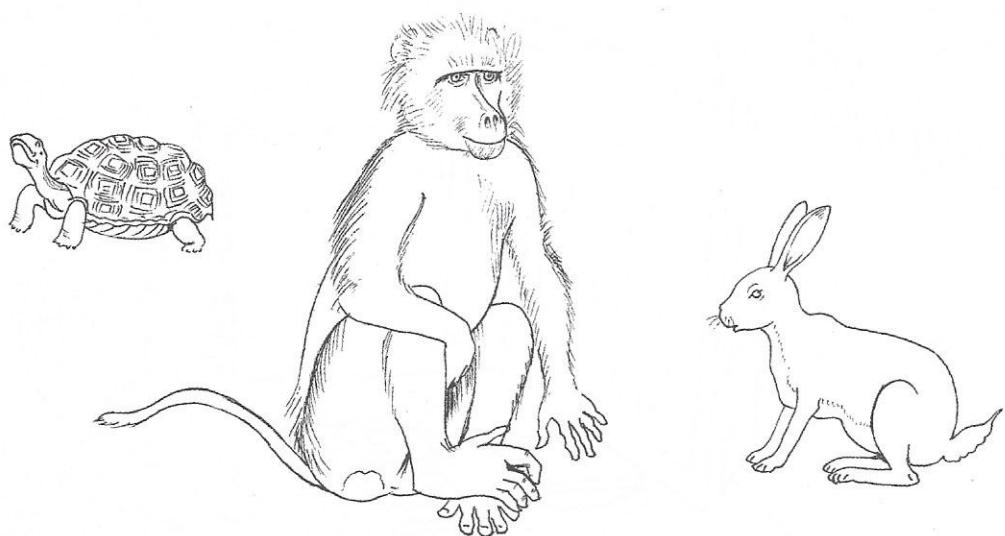
## Video



What is the person in the picture doing?  
Colour in.

Date: \_\_\_\_\_

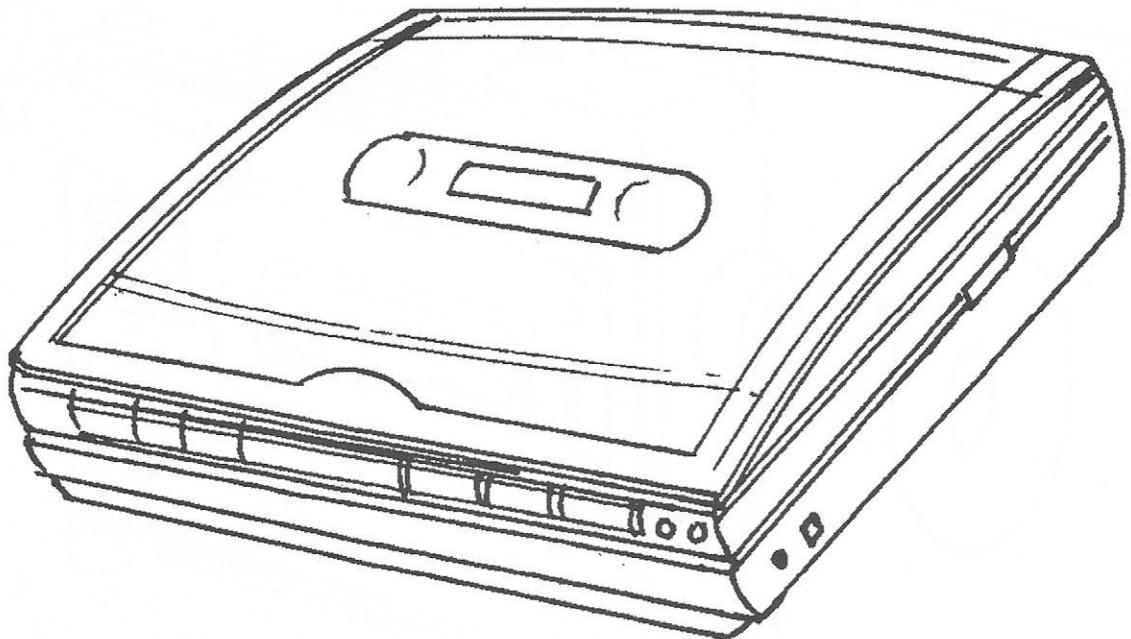
## Traditional folktale



Name the characters drawn in the picture.  
Tell a folktale to your friends with all the characters in the picture.

Date: \_\_\_\_\_

## Sound recorder

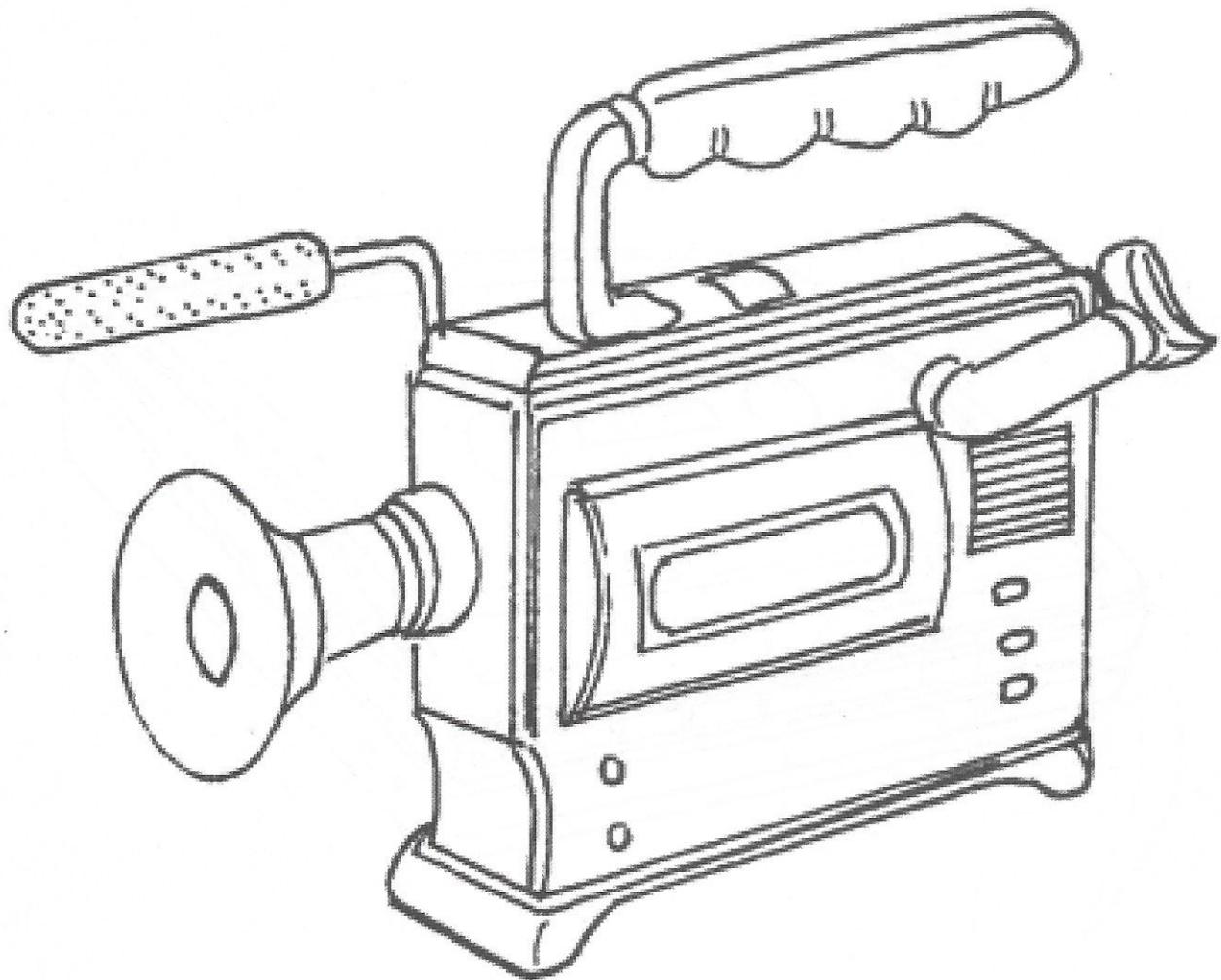


---

Name the device.  
Colour in.

Date: \_\_\_\_\_

## Video camera



---

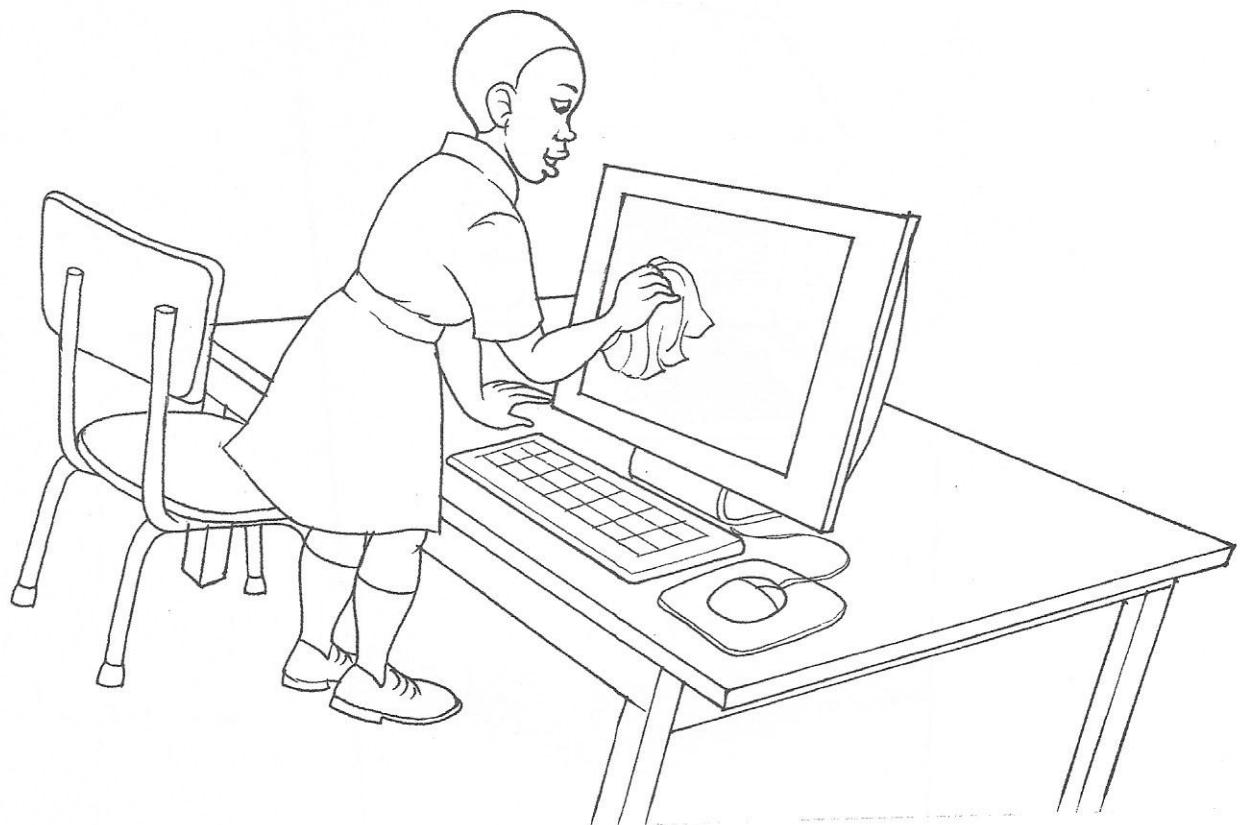
Name the device.  
Colour in the lense.

**Topic  
4**

**Safety and security**

Date: \_\_\_\_\_

## **Computer safety**

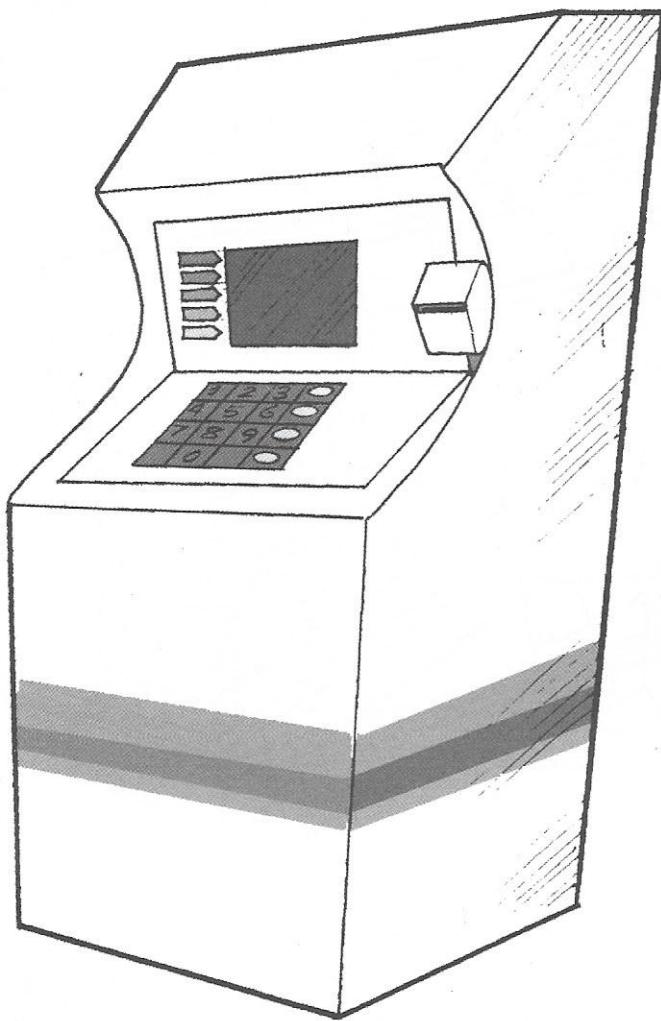


---

Clean your computers.  
Colour in.

Date: \_\_\_\_\_

## **ICT in trade**

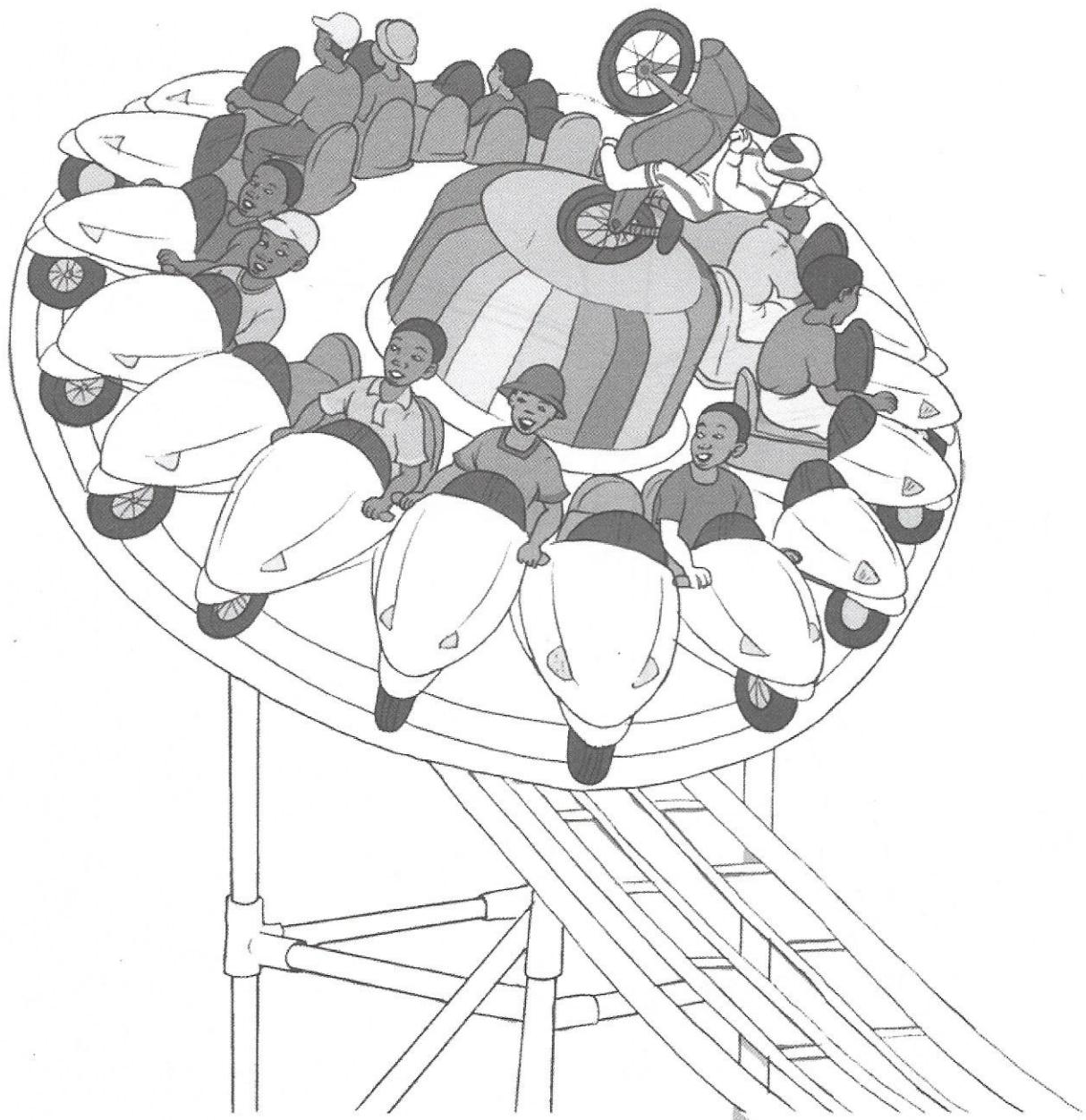


---

Colour in the device that gives you bank notes.

Date: \_\_\_\_\_

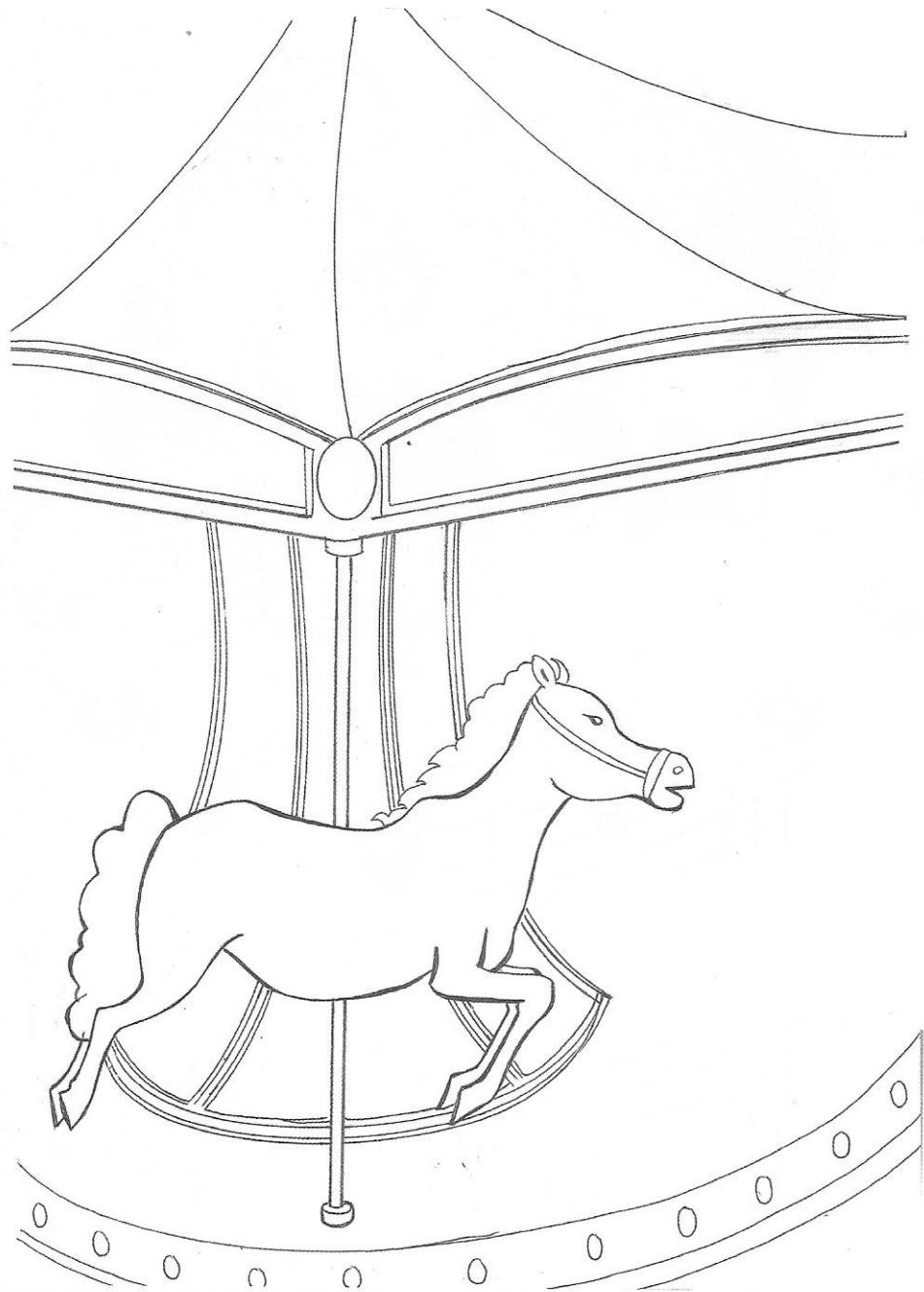
## ICT entrepreneurship



Colour in.

Date: \_\_\_\_\_

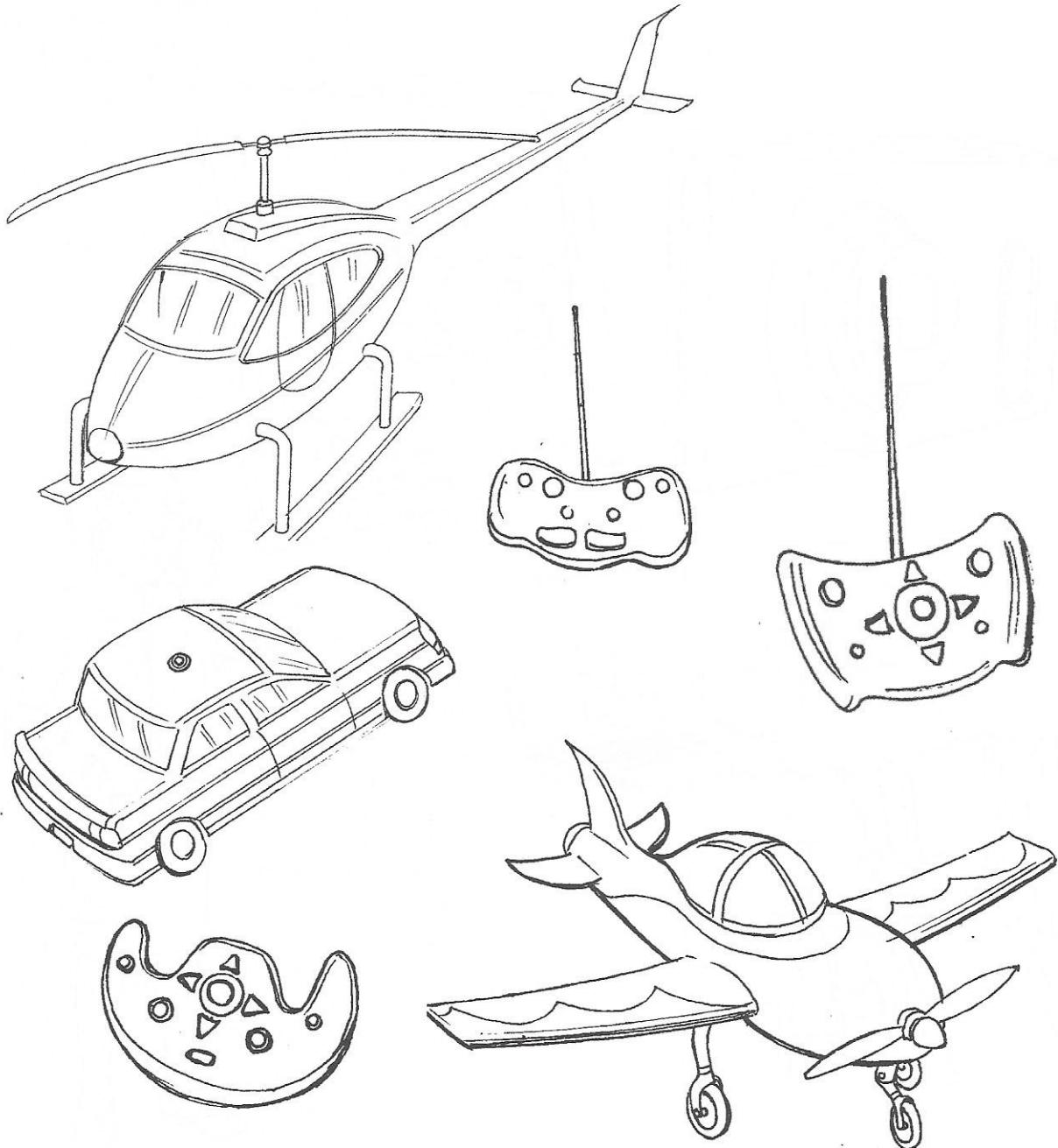
## ICTs entrepreneurship



Colour in.

Date: \_\_\_\_\_

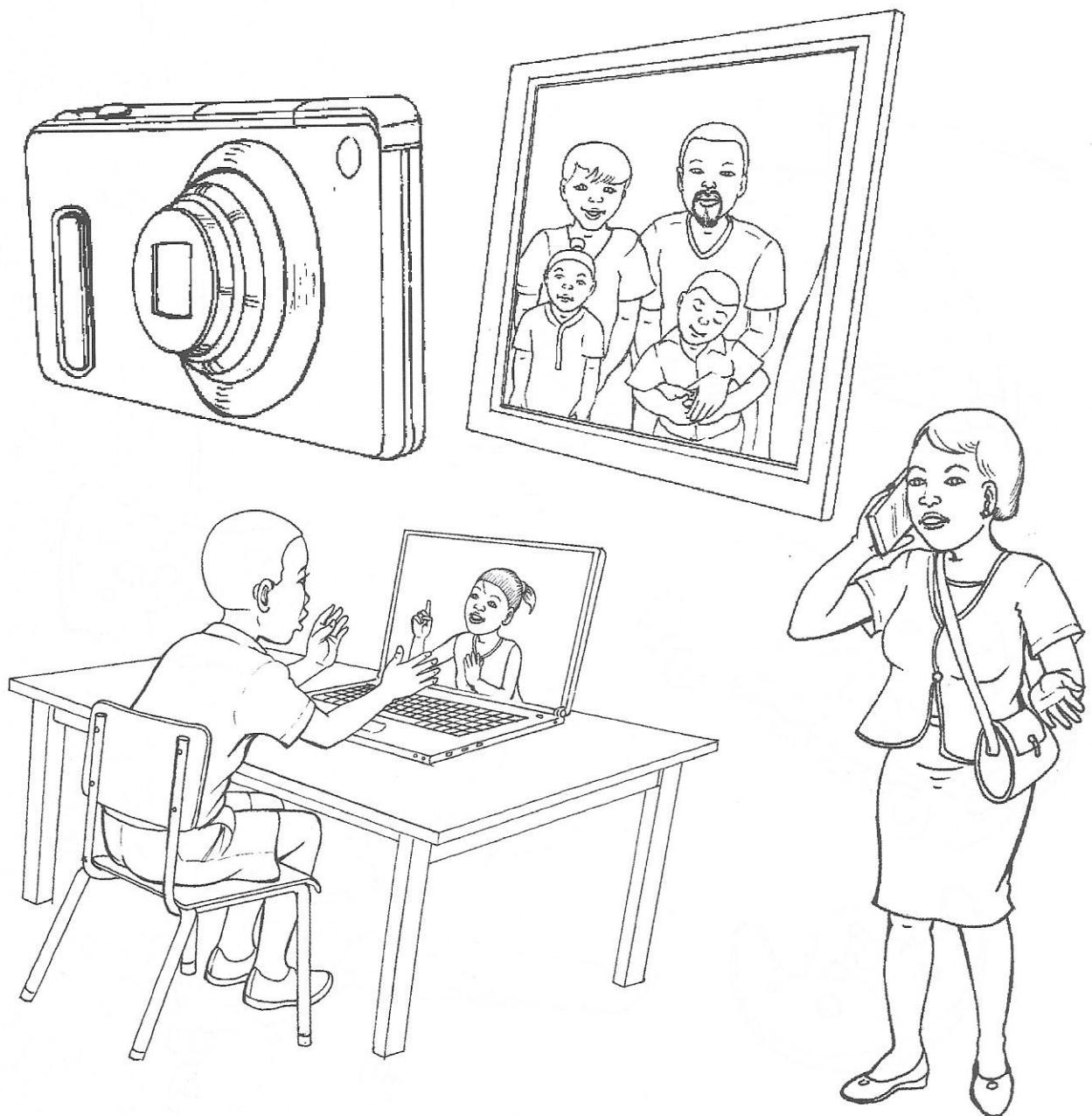
## Matching ICTs



Match the ICT tool to its remote control.  
Colour in.

Date: \_\_\_\_\_

## ICTs are used for communication



Play a game talking using toy phones.  
Colour in.

## Information communication technology Checklist grade ECD ‘B’ Class

Name of child.....

Age.....

**Key:** **A** In progress

**B** Has developed

Date observed	Skill	A	B	Comments
	Understand basic computer hardware components and terminology			
	Searching and selecting programmes and folders			
	Developing ideas which is the learners’ ability to measure and record using ICTs			
	Ability to exchange information using ICTs			
	Defining tasks that can be carried out using ICTs			
	Control which is using ICTs to make things happen			
	Modelling which is using ICT as a tool			
	Presenting information using forms of ICTs			
	Understand basic computer hardware components and terminology			
	Understand the concepts and basic functions of a common computer operating system			
	Start up, log on, and shut down an ICT system properly			
	Use a mouse pointing device and keyboard			
	Identify and use icons			
	Minimize, maximize and move windows			
	Create documents of various types			
	Retrieve an existing document			
	Print a document			
	Play games on ICTs			

