

# **Shankar Foundation's Shraddha Center For Special Education**

**Open Basic Education**

Regd. No. AA047005

## **Grade - 1 Book- 4**

**English, Mathematics, Environmental Science,  
Basic Computer Skills, Art and Craft**



**Specially designed theme based lessons  
For different learning needs and  
abilities**

## **Lesson frame work**

### **English:**

**Reading :** Short vowel 'o' words, phrases and sentences.

**Writing :** Short vowel 'o' words.

### **Mathematics:**

**Reading and writing numbers 1- 75**

**sorting and counting.**

**count by adding and subtracting**

**Identifying sizes.**

### **Environmental Science:**

**Identifying and naming different physical activities.**

**Identifying and naming playful objects.**

**Identifying and naming different household objects.**

**Identifying and naming different professions.**

**Identifying objects which are hot and not to touch.**

### **Computers:**

**Identifying and locating alphabets and numbers on key board.**

**Type capital letters , small letters and numbers using key board.**

### **Art and Craft:**

**Making art using knowledge of primary colors.**

**Making products using imagination skills and creative skills.**

Every child must learn to read and write in order to succeed in life. But for children with intellectual challenges, this fundamental skill becomes a real challenge.

As **National Institute of Open School's** programs are helpful to create ability based atmosphere for special needs, we have chosen to modify the curriculum accordingly.

After proper stimulation and preparatory coaching we register the child into **Open Basic Education Level A, B or C**. The teaching will be based on special education methodologies and strategies with various learning materials. There is a provision of online teaching with specially designed computer / app based interactive lesson oriented activities, which children can practice to learn on their own. There will be regular assessments and evaluations as well. The final exam will be conducted once in a year.

One lesson from Language English subject is chosen to become as classroom theme while all the other subjects and activities are linked to the lesson. It connects with other 4 subjects namely Mathematics, Environmental Sciences, Basic Computer Skills, Pre vocational Subject.

### **SPECIAL APPEAL**

All children develop as individuals. Parents and teachers should take the abilities and interests of the child into account. I hope you will find this simplified curriculum based on Open Basic Education norms as tool to enhance learning capacities of challenged learners and instill confidence in their own self. My appeal to all of you is have belief in child's strengths. Let us allow him/her to progress in their own learning pace. Be flexible and follow good teaching strategies. I am open to discuss and listen to your suggestions for further development. My sincere gratitude to National Institute of Open Schooling for this opportunity to reach many in need.

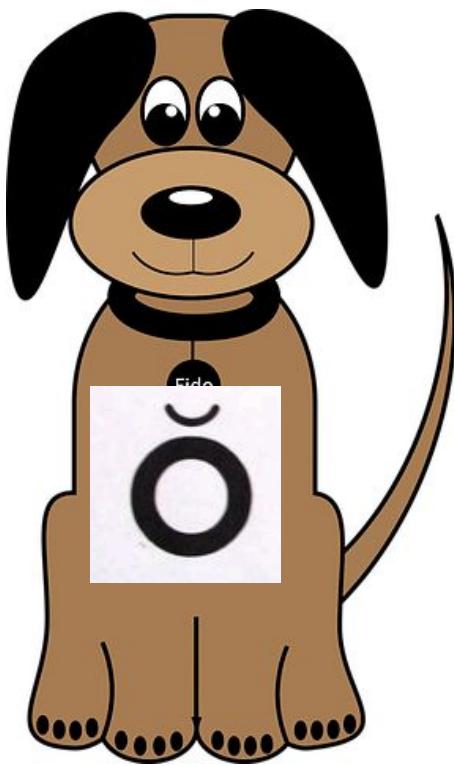
**Sridevi Prasad**

Content writer

Founder Secretary

Shankar Foundation

# English



## Learning objectives::

- Learns to identify pictures, read and write /og/ sound words.
- Learns to identify pictures, read and write /om/ sound words.
- Learns to identify pictures, read and write /op/ sound words.
- Learns to identify pictures, read and write /ot/ sound words.
- Learns to identify pictures, read and write /ox/ sound words.
- Learns to identify pictures, read and write /ob/ sound words.
- Learns to identify pictures, read and write /od/ sound words.
- Learns to read sight words.
- Learns to read and write phrases and small sentences.

## **Phonics**

**Learn to read and write following short vowel **o** words  
with 'og' sound**

**Circle the sound 'og'**

**og**

**op**

**ot**

**og**

**op**

**og**

**ox**

**og**

**op**

**og**

**ot**

**op**

**og**

**ob**

**og**

**op**

**ot**

**og**

**op**

**og**

**ox**

**Learn to read and write following short vowel o words with 'og' sound.**

**Associate with pictures and read the words.**



**dog**



**jog**



**fog**



**log**



**My dog likes to jog.**

**My dog likes to jog in the fog.**

**My dog likes to jog in the fog and**

**sit on the log.**

## Phonics

Learn to read and write following short vowel **o** words  
with '**om**' sound

Circle the sound '**om**'

**om**

**op**

**om**

**og**

**op**

**om**

**ox**

**om**

**op**

**og**

**om**

**op**

**om**

**ob**

**om**

**op**

**om**

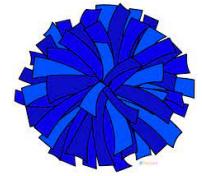
**og**

**op**

**om**

**ox**

**Learn to read and write following short vowel o words with 'om' sound.**



**com**

**mom**

**tom**

**pom**



**Tom is a cat.**



**He plays with pom pom.**



**He sleeps on my mom bed.**

## **Phonics**

**Learn to read and write following short vowel o words  
with 'op' sound**

**Circle the sound 'op'**

**op**

**og**

**ot**

**op**

**og**

**op**

**ox**

**og**

**op**

**og**

**ot**

**op**

**og**

**ob**

**og**

**op**

**ot**

**og**

**op**

**og**

**ox**

## **Learn to read and write following short vowel o words with 'op' sound**

**Spell, blend, read words and phrases /sentences.**



**cop**



**hop**



**mop**



**top**



**Roop is a boy.**

**His father is a cop.**

**Roop can hop on a mat.**

**Roop can play with top.**

**Roop can use mop.**

## **Phonics**

**Learn to read and write following short vowel o words  
with 'ot' sound**

**Circle the sound 'ot'**

**ot**

**og**

**ot**

**op**

**og**

**ot**

**ox**

**ot**

**op**

**og**

**ot**

**op**

**ot**

**ob**

**ot**

**op**

**ot**

**og**

**Learn to read and write following short vowel o  
words with 'ot' sound**

**Spell, blend, read words and phrases /sentences.**



**cot**



**dot**



**hot**



**pot**



**not**

**We sleep on the**



**It is a red color**



**The milk is**



**The water is in the**



**Do  eat rot .**

## **Phonics**

**Learn to read and write following short vowel **o** words  
with 'ox' sound**

**Circle the sound 'ox'**

**ox**

**og**

**ox**

**op**

**og**

**ox**

**ox**

**ox**

**op**

**og**

**ox**

**op**

**ox**

**ob**

**ox**

**op**

**ot**

**ox**

**Learn to read and write following short vowel o  
words with 'ox' sound**

**Spell, blend, read words and phrases /sentences.**

**box**



**fox**



**ox**



**The \_\_\_\_\_ is in the\_\_\_\_\_**



**The \_\_\_\_\_ is in the\_\_\_\_\_**



**The \_\_\_\_\_ is in the\_\_\_\_\_**



**The \_\_\_\_\_ is in the\_\_\_\_\_**

## **Phonics**

**Learn to read and write following short vowel o words  
with 'ob' sound**

**Circle the sound 'ob'**

**ob**

**od**

**od**

**ob**

**od**

**ob**

**od**

**ob**

**od**

**od**

**ob**

**od**

**ob**

**od**

**ob**

**od**

**od**

**ob**

## **Phonics**

**Learn to read and write following short vowel o words  
with 'od' sound**

**Circle the sound 'od'**

**ob**

**od**

**od**

**ob**

**od**

**ob**

**od**

**ob**

**od**

**od**

**ob**

**od**

**ob**

**od**

**ob**

**od**

**od**

**ob**

**Learn to read and write following short vowel o sound**  
**"ob' and 'od' sounds**

**Spell, blend, read words**

**bob**

**cod**

**cob**

**God**

**job**

**nod**

**lob**

**pod**

**mob**

**rod**

**rob**

**sob**

**cob**

**rob**

**job**

**sob**

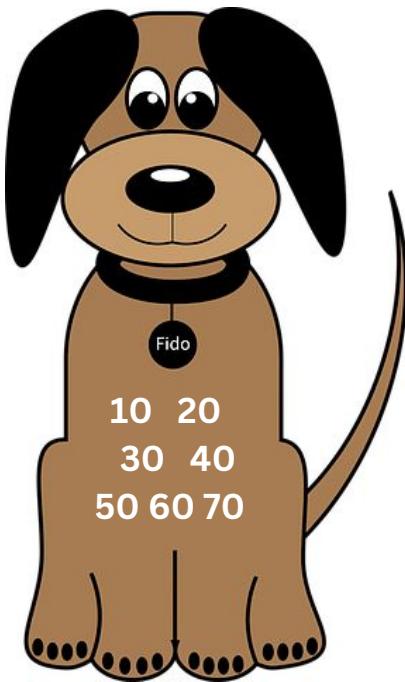
**rod**

**sod**

**cod**

**jod**

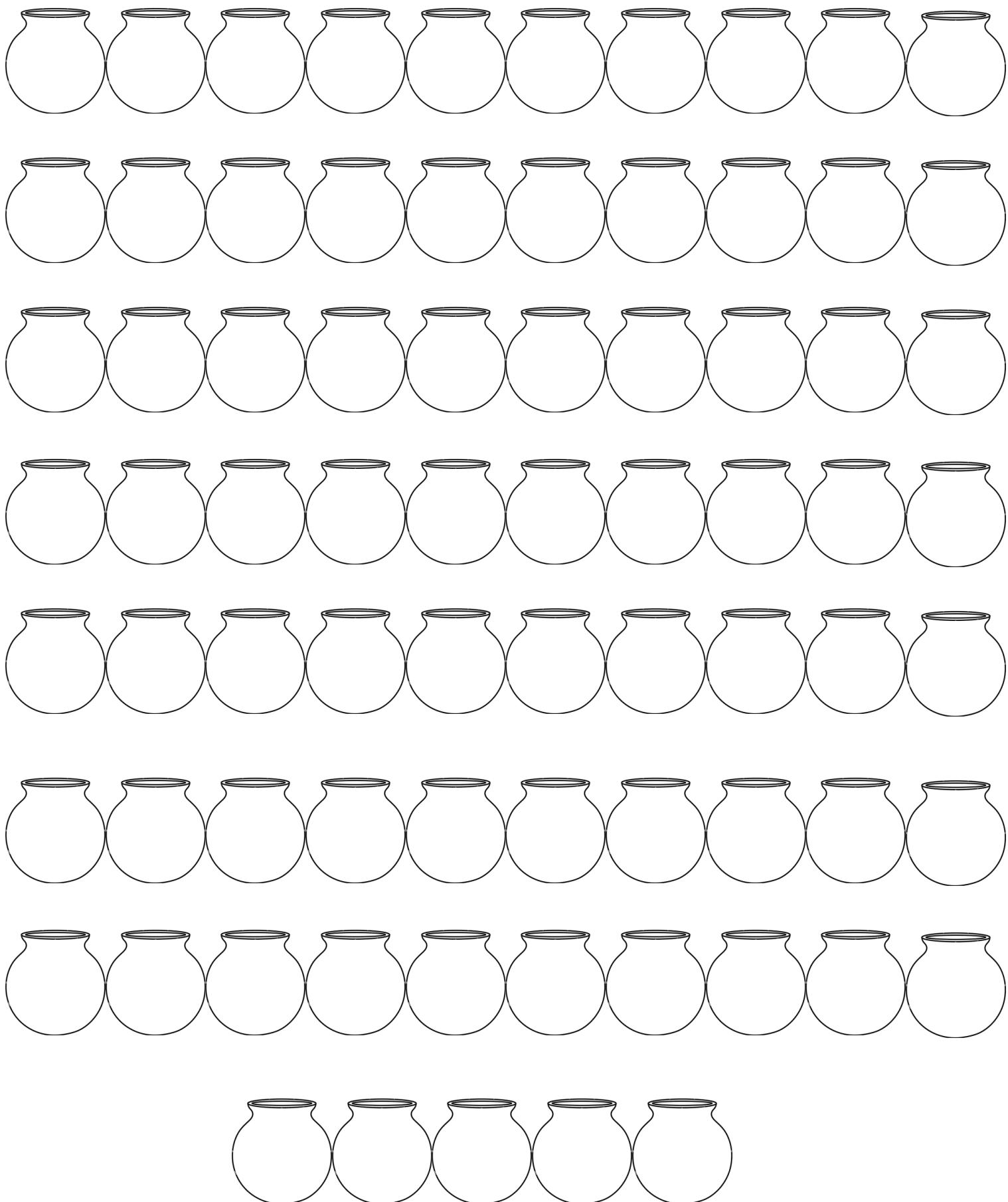
# Mathematics



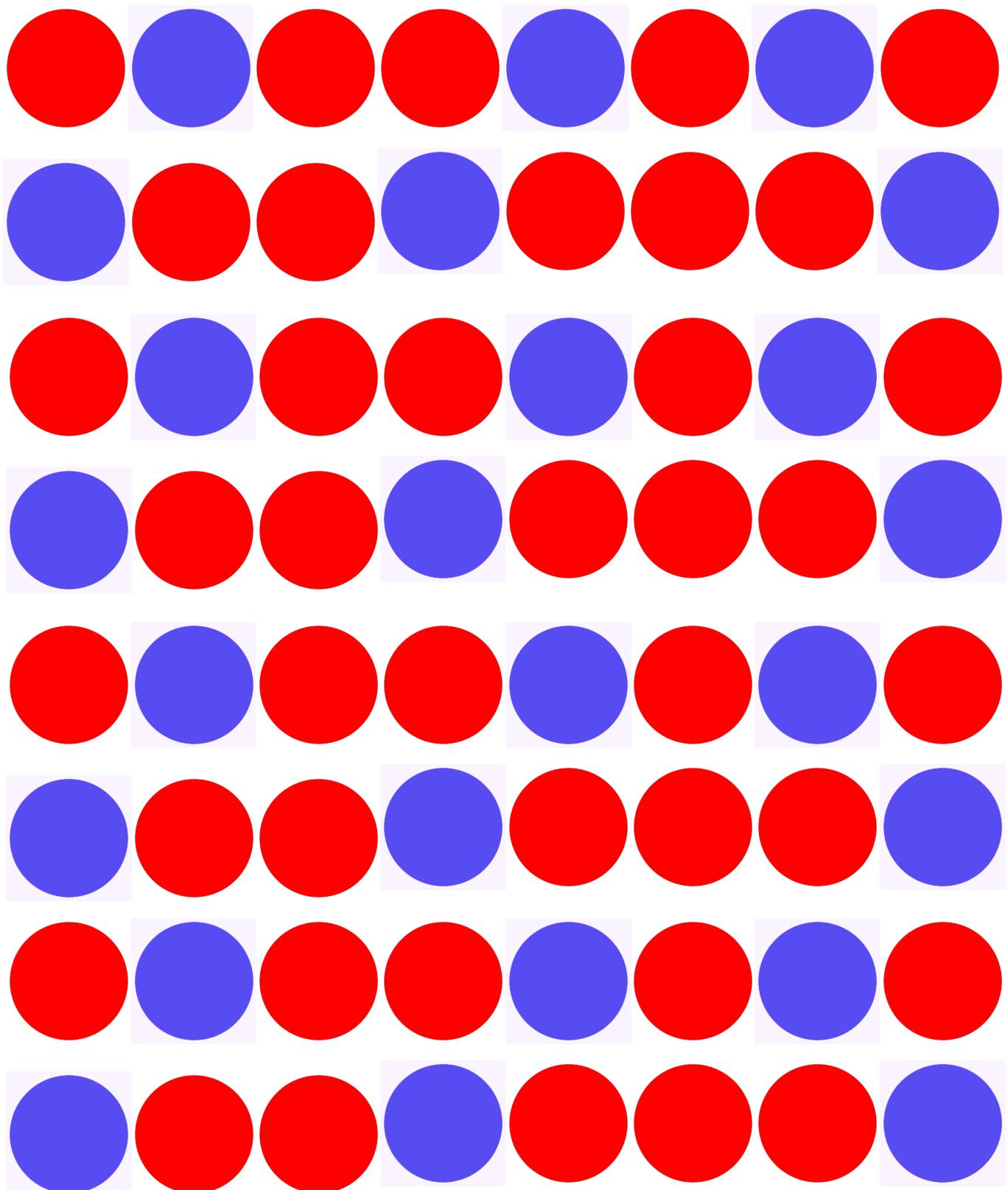
## Learning objectives::

- Learns to identify , count, read and write numbers.
- Learns to identify , sort, count and write numbers.
- Learns to identify, add , count and write numbers.
- Learns to follow the instructions to count and write.
- Learns to identify and point out big and small sizes.
- Learns to identify, subtract , count and write numbers..
- Learns to read and write numbers 1-75.
- Learns to read and write missing numbers 1-75

**Write numbers from 1 to 75 on pots.**



**Sort out and count red dots and blue dots.**

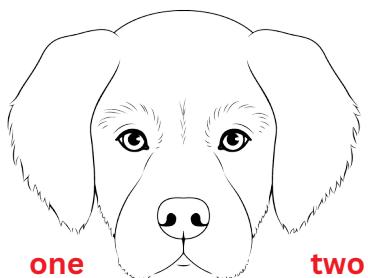


**red dots:**

**blue dots:**

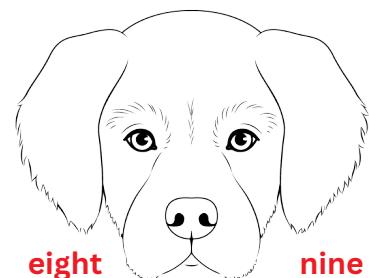
**total dots:**

**Read the number names and write the numbers on dog ears**



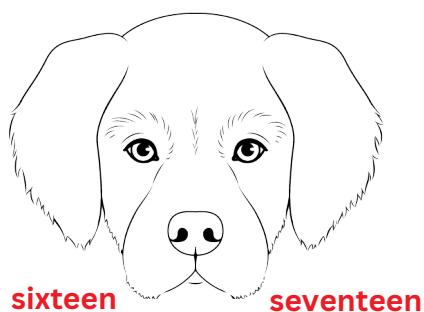
one

two



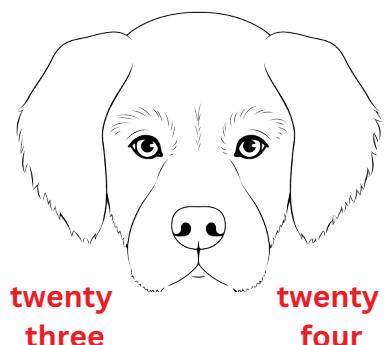
eight

nine



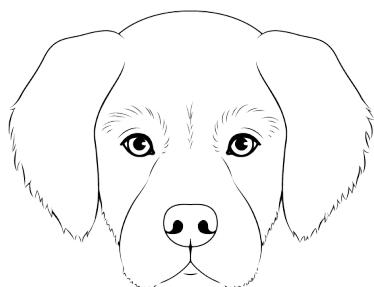
sixteen

seventeen



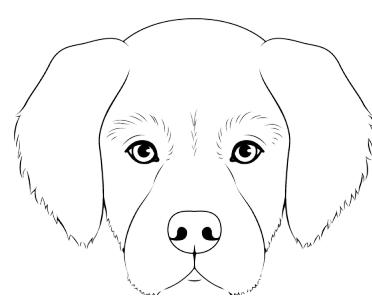
twenty  
three

twenty  
four



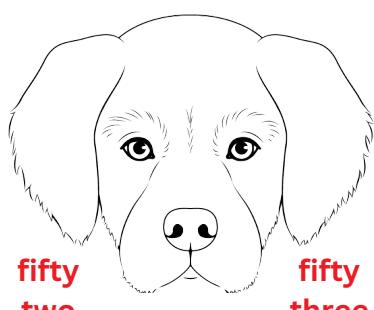
thirty  
seven

thirty  
eight



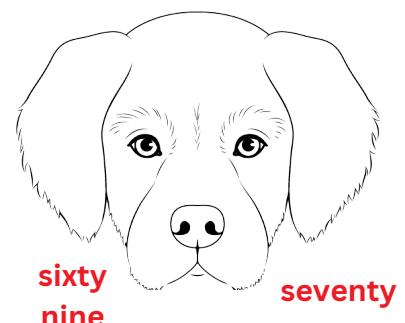
forty  
five

forty  
six



fifty  
two

fifty  
three



sixty  
nine

seventy

**Count the number of girls and pom poms.**



**girls:** \_\_\_\_\_

**pom poms :** \_\_\_\_\_



**girls:** \_\_\_\_\_

**pom poms :** \_\_\_\_\_



**girls:** \_\_\_\_\_

**pom poms :** \_\_\_\_\_



**girls:** \_\_\_\_\_

**pom poms :** \_\_\_\_\_



**girls:** \_\_\_\_\_



**pom poms :** \_\_\_\_\_

**Add and count tops**

$$2 + \text{ } =$$


$$2 + \text{ } =$$


$$4 + \text{ } =$$


$$6 + \text{ } =$$


$$8 + \text{ } =$$


$$10 + \text{ } =$$


## Compare the lengths, sizes and number of **logs**

**Circle the big log**



**Circle the small log**



**Circle the small log**



**Circle the big log**



**Circle the big log**



**Circle the small log**



**count the total **boxes** and take out torn boxes**



**How many boxes are there? \_\_\_\_\_**

**How many torn boxes are there? \_\_\_\_\_**

**How many good boxes are there? \_\_\_\_\_**



**How many boxes are there? \_\_\_\_\_**

**How many torn boxes are there? \_\_\_\_\_**

**How many good boxes are there? \_\_\_\_\_**

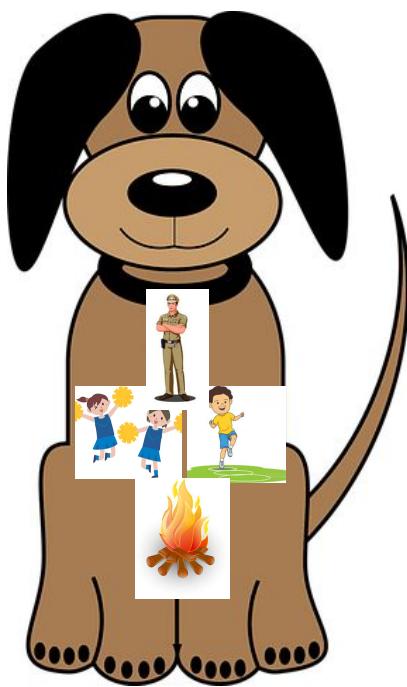


**How many boxes are there? \_\_\_\_\_**

**How many torn boxes are there? \_\_\_\_\_**

**How many good boxes are there? \_\_\_\_\_**

# Environmental Science



## Learning objectives::

- Learns to identify and match different physical activities we do.
- Learns to identify and match different playful objects.
- Learns to identify and name different professions.
- Learns to identify and name different household objects.
- Learns to identify and name different things which are hot.

**Identify the physical activities and match with picture.**



**swimming**



**jogging**



**hopping**



**cycling**

**Identify the objects which children are playing with and  
circle the correct word.**



**ball**  
**doll**  
**pom pom**  
**dog**



**ball**  
**doll**  
**pom pom**  
**dog**



**ball**  
**doll**  
**pom pom**  
**dog**



**ball**  
**doll**  
**pom pom**  
**dog**

**Identify the professions of people according to the dress  
and match the name.**



**lawyer**



**police**



**doctor**

**Identify the objects we use to clean our house  
and match pictures which goes together.**



**broom**



**cloth**



**mop**



**dust pan**



**cleaning spray**

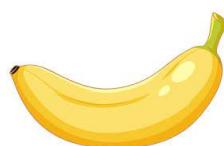


**bucket**

## Identify the objects which are hot / dangerous to touch and circle them.



candle



banana



fire



ice cream



iron box



chocolate



coffee / tea



bag



heater



pencil

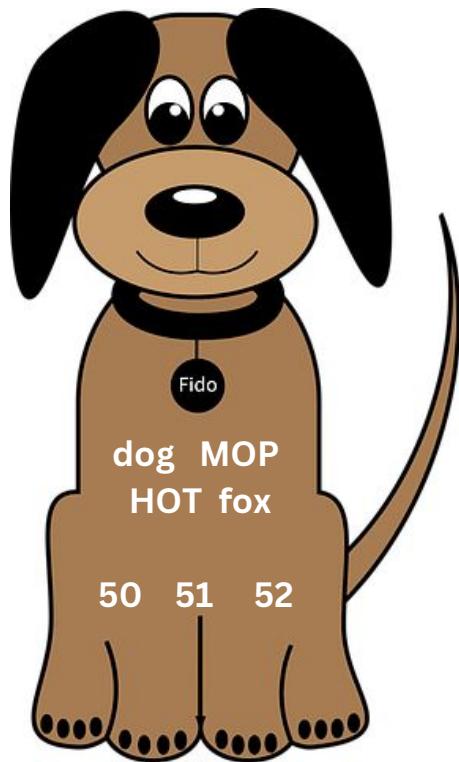


boiling water



book

# Basic Computer Skills



## Learning objectives

- Learns to identify key board
- Learns to type alphabets in upper case and lower case.
- Learns to type short vowel “ o ” sound words in capital letters.
- Learns to type short vowel “o” sound words in small letters
- Learns to type numbers 1- 75

# Key Board



**Identify the letters on the keyboard.**

**Learn to press the letter keys to make following words.**

**Press Enter key after typing each word.**

**3 letter words end with "og".**

**3 letter words end with "om"**

**3 letter words end with "op"**

**3 letter words end with "ot "**

**3 letter words end with "ox"**

**3 letter words end with "ob"**

**3 letter words end with "od"**

# Key Board



**Identify the letters on the keyboard.**

**Press Caps lock key.**

**Press Enter key after typing each word.**

**Learn to press the letter keys to make following words.**

**3 letter words end with "OG".**

**3 letter words end with "OM"**

**3 letter words end with "OP"**

**3 letter words end with "OT"**

**3 letter words end with "OX"**

**3 letter words end with "OB"**

**3 letter words end with "OD"**

# Key Board



**Identify the numbers on the key board.**

**Learn to press the number keys to make following numbers.**

**Press Enter key after typing each number.**

**Numbers 1- 10**

**Numbers 10 -20**

**Numbers 20 - 30**

**Numbers 30 -40**

**Numbers 40 -50**

**Numbers 50 -60**

**Numbers 60 -70**

**Numbers 70- 75**

# Art and Craft

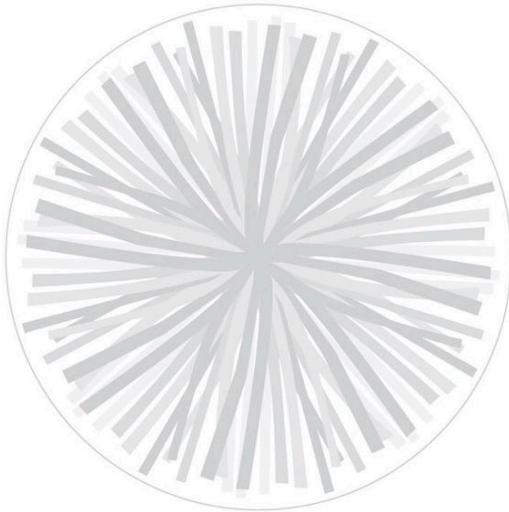
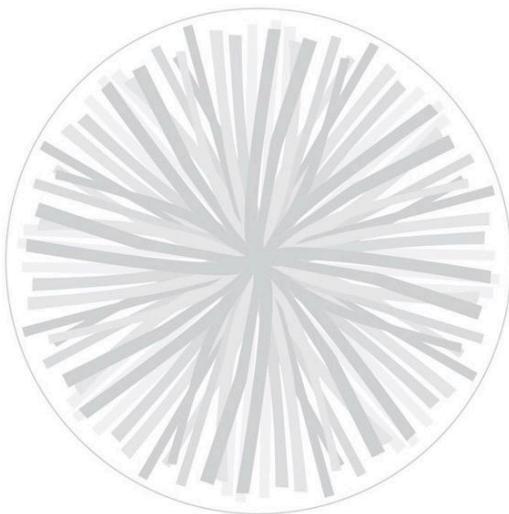
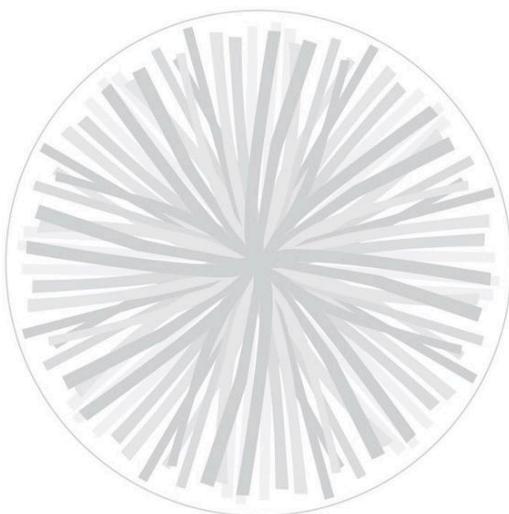


## Learning objectives

- Learns to identify primary colors.
- Learns to use primary colors by following instructions.
- Learns to make a picture by joining dots.
- Learns to design and make card for dad.

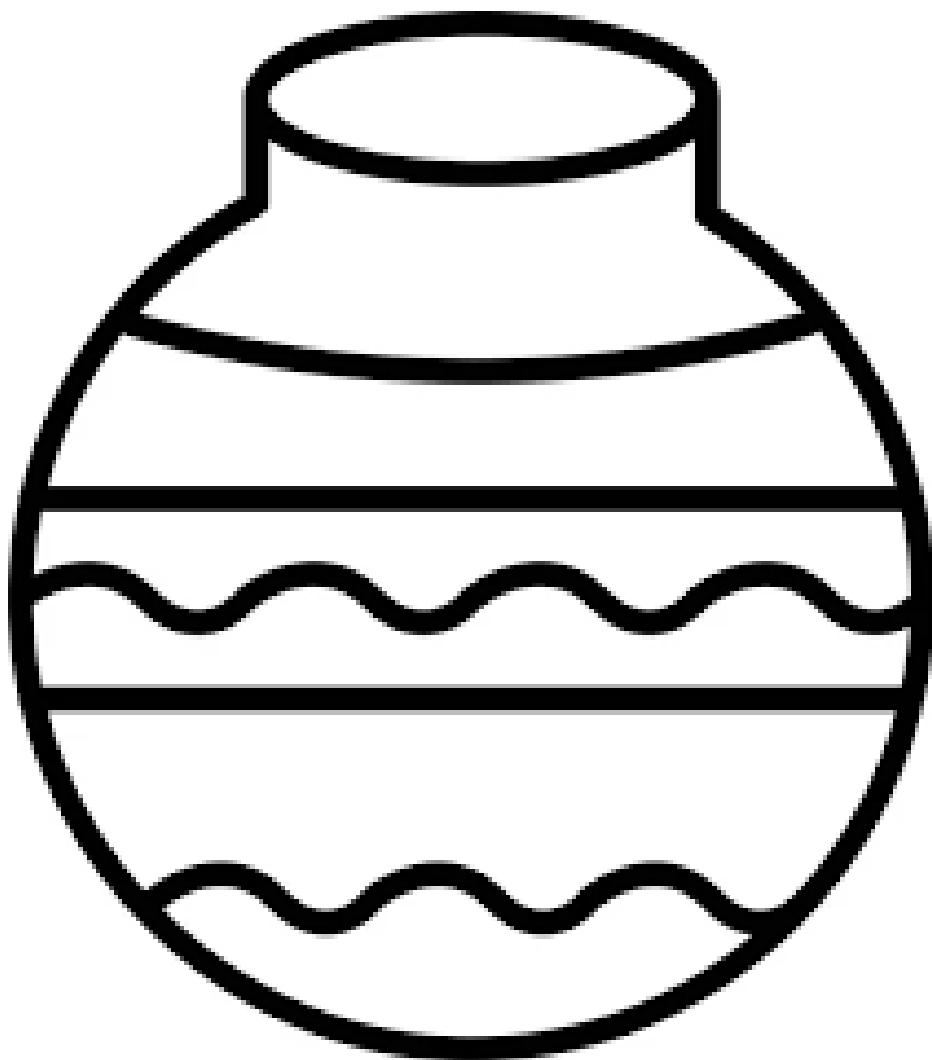
# Knowledge

**color the pom pom with primary colors**



# **Visual Presentation**

**color the pot with primary colors**



# **Art**

**Join the dots to make dog picture and color.**

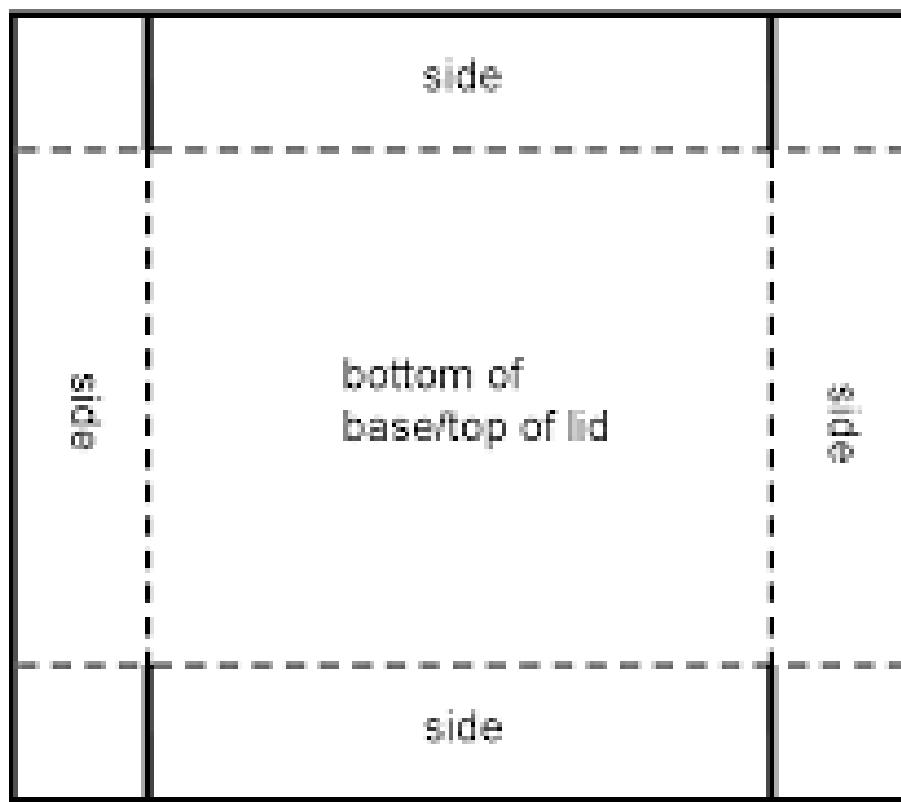


# **Designing**

**Mark the template for the base to make a box  
on a sheet of card / thick paper.**

— — — **CUT**

— — — — — **fold**



# **Designing and Production**

**Use different colors to decorate pieces of log.**



**GOOD JOB**



**Let us learn more.....**

# **Units of Shankar Foundation**

## **SHRADHHA-SAABURI CENTER FOR SPECIAL EDUCATION**

Sensory Motor and Remedial Teaching

Open Basic Education

Preparation for Secondary and Senior Secondary Courses

Structured curriculum.

Grade level classes.

Strategic classroom management.

Activity based learning with remedial teaching

Online coaching and training.

Co-curricular activities

Psychological assessments and supports

Therapeutic interventions

Well qualified multidisciplinary team.

## **SAMARDH -SAAKAAR CENTER FOR VOCATIONAL SKILLS**

Competency based skill training

Activity based skill training

Modular based job training

Employment based specific skill training

Training in work behavior

Training in employability skills

Training in job related skills

Training in life skills.

Training and employment in computer based works.

Collaborative placements in mainstream employment

Sheltered employment within the organization premises.

## **SANNIDHI- SWANTHANA CENTER FOR LIFE SKILLS**

Residential center for above 16 years boys.

Serene atmosphere at outskirts of the city

Preparation for independent living

Strengthening the interests and hobbies

Preparation for adult life

Sheltered employment

Provision of respite care in emergency family need

Stay facilities for families

Training facility for parents

Parents as team members

Parents community around the center

Care giving facilities for 50 years above aged people with special needs.

**1-10-119, Mayuri Marg, Begumpet. Hyderabad.**

**Ph: 040-27760125**

**info@shankarfoundation.org www.shankarfoundation.org**