

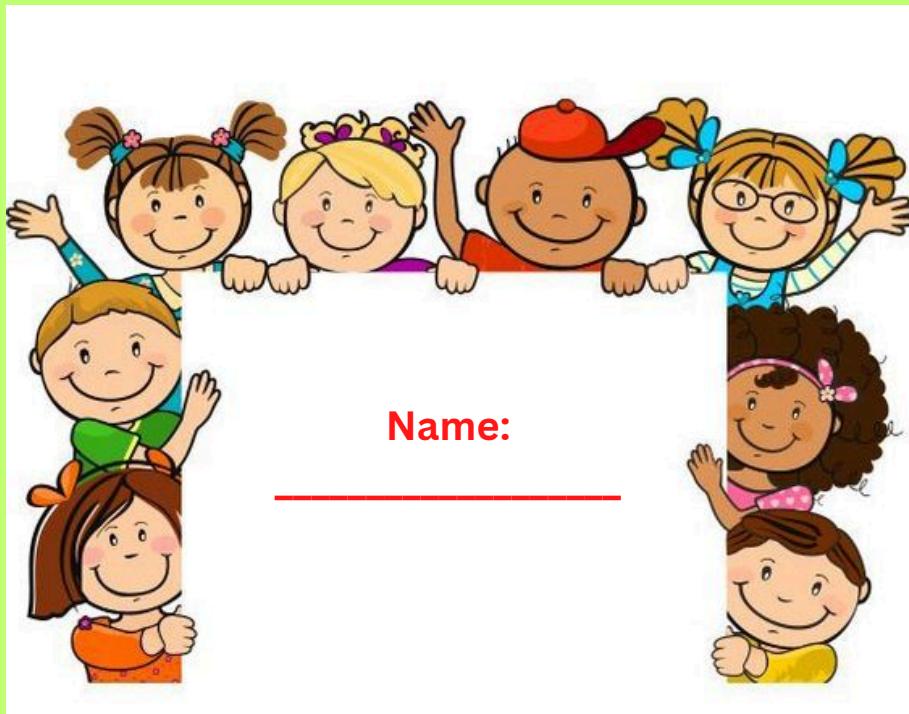
# **Shankar Foundation's Shraddha Center For Special Education**

**Open Basic Education**

**Regd. No. AA047005**

## **Grade - 1 Book- 5**

**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 'u' words, phrases and sentences.

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

### **Mathematics:**

**Reading and writing numbers 1- 100**

**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.

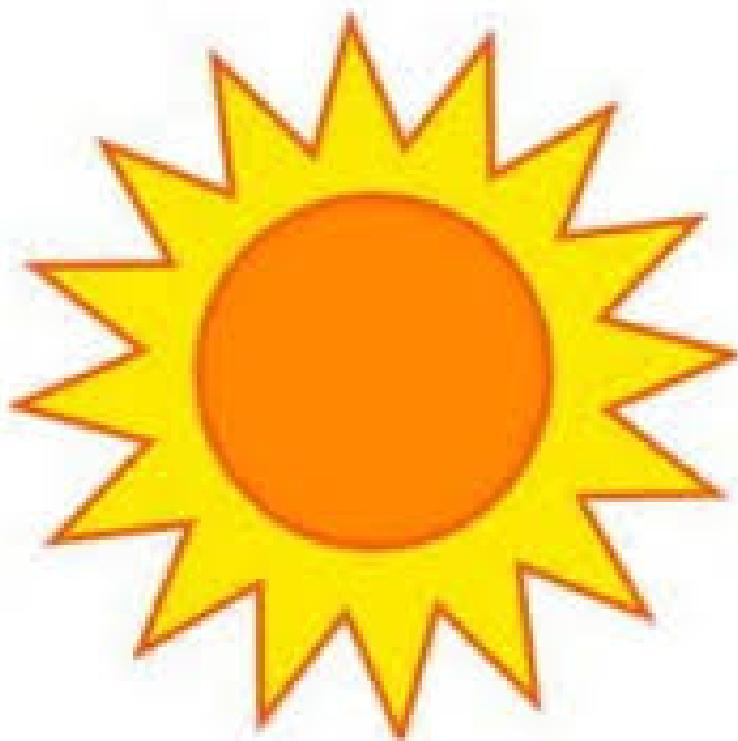
**Sridevi Prasad**

Content writer

Founder Secretary

Shankar Foundation

# English



## Learning objectives::

- Learns to identify pictures, read and write /ub / sound words.
- Learns to identify pictures, read and write /ud / sound words.
- Learns to identify pictures, read and write /ug/ sound words.
- Learns to identify pictures, read and write /um/ sound words.
- Learns to identify pictures, read and write /un/ sound words.
- Learns to identify pictures, read and write /ut / sound words.
- Learns to identify pictures, read and write /up/ 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 'ub' sound**

**Circle the sound 'ub'**

**ub      up      ut      un**

**up      ub      um**

**ub      up      ut      un**

**up      ub      um**

**ub      up      ut      un**

**up      ub      um**

**Learn to read and write following short vowel **u** words with 'ub' sound.**

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



**cub**



**hub**

**rub**



**tub**



**sub**

**Fill in the blanks with picture clues.**

**I like to take bath in \_\_\_\_\_**



**I like to \_\_\_\_\_ my body with soap.**



**I like to play with my \_\_\_\_\_ doll.**



**I like to eat \_\_\_\_\_ way sandwich.**



**Phonics**

**Learn to read and write following short vowel **u** words  
with 'ug' sound**

**Circle the sound 'ug'**

**ug**

**ub**

**ug**

**ud**

**up**

**ug**

**um**

**ug**

**ub**

**un**

**ug**

**up**

**ug**

**um**

**ug**

**ub**

**un**

**ug**

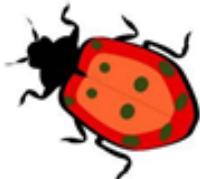
**up**

**ug**

**um**

**Learn to read and write following short vowel **u** words with '**ug**' sound.**

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



**bug**



**hug**



**jug**



**mug**



**rug**

**Match the sentences and pictures.**

**There is a bug on the jug.**



**There is a jug and mug on the rug.**



**There is a bug on the mug.**



**Phonics**

**Learn to read and write following short vowel **u** words  
with 'un' sound**

**Circle the sound 'un'**

**un**

**ub**

**un**

**ud**

**up**

**un**

**um**

**un**

**ub**

**un**

**ud**

**up**

**un**

**um**

**un**

**ub**

**un**

**ud**

**up**

**un**

**um**

**Learn to read and write following short vowel **u** words with 'un' sound.**

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



**bun**



**gun**



**run**



**sun**

**fun**

**Read and fill in the blanks with picture clues.**

**It is fun to play with toy \_\_\_\_\_.**



**It is fun to \_\_\_\_\_ in the park.**



**It is fun to walk in the morning \_\_\_\_\_.**



**It is fun to eat \_\_\_\_\_.**



**Phonics**

**Learn to read and write following short vowel **u** words  
with 'ut' sound**

**Circle the sound 'ut'**

**ut**

**ub**

**ut**

**ud**

**up**

**ut**

**um**

**ut**

**ub**

**ut**

**ud**

**up**

**ut**

**um**

**ut**

**ub**

**ut**

**ud**

**up**

**ut**

**um**

**Learn to read and write following short vowel **u** words with 'ut' sound.**

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

**but**



**cut**



**hut**



**nut**

**Match the sentences and pictures.**

**Children are eating nuts.**



**Children are making hut.**



**Children are cutting paper.**



**Phonics**

**Learn to read and write following short vowel **u** words  
with 'ud' sound**

**Circle the sound 'ud'**

**ud**

**ub**

**ud**

**ub**

**up**

**ud**

**um**

**ud**

**ub**

**ud**

**um**

**up**

**ud**

**un**

**ut**

**ud**

**ut**

**ud**

**up**

**ud**

**um**

**Phonics**

**Learn to read and write following short vowel **u** words  
with 'um' sound**

**Circle the sound 'um'**

**um**

**ub**

**um**

**ub**

**up**

**um**

**ud**

**ud**

**um**

**ud**

**um**

**up**

**um**

**un**

**um**

**ud**

**ut**

**um**

**up**

**um**

**ud**

**Phonics**

**Learn to read and write following short vowel **u** words  
with 'up' sound**

**Circle the sound 'up'**

**up**

**ub**

**up**

**ub**

**up**

**up**

**ud**

**ud**

**up**

**ud**

**up**

**ut**

**up**

**un**

**up**

**ud**

**ut**

**up**

**um**

**up**

**ud**

**Phonics**

**Learn to read and write following short vowel **u** words  
with '**us**' sound**

**Circle the sound '**us**'**

**us**

**ub**

**us**

**ub**

**up**

**us**

**ud**

**ud**

**us**

**ud**

**us**

**up**

**us**

**un**

**us**

**ud**

**ut**

**us**

**up**

**us**

**ud**

**Learn to read and write following short vowel **u** sound  
“ud’, ‘um’ ‘up’ and ‘us’ sounds**

**Spell, blend, read words**

**bud**



**gum**



**mud**



**sum**

**up**

**cup**



**pup**



**bus**



**Fill in the blanks with picture clues:**

**It is a rose \_\_\_\_\_.**



**It is a paper \_\_\_\_\_.**



**It is a tea \_\_\_\_\_.**



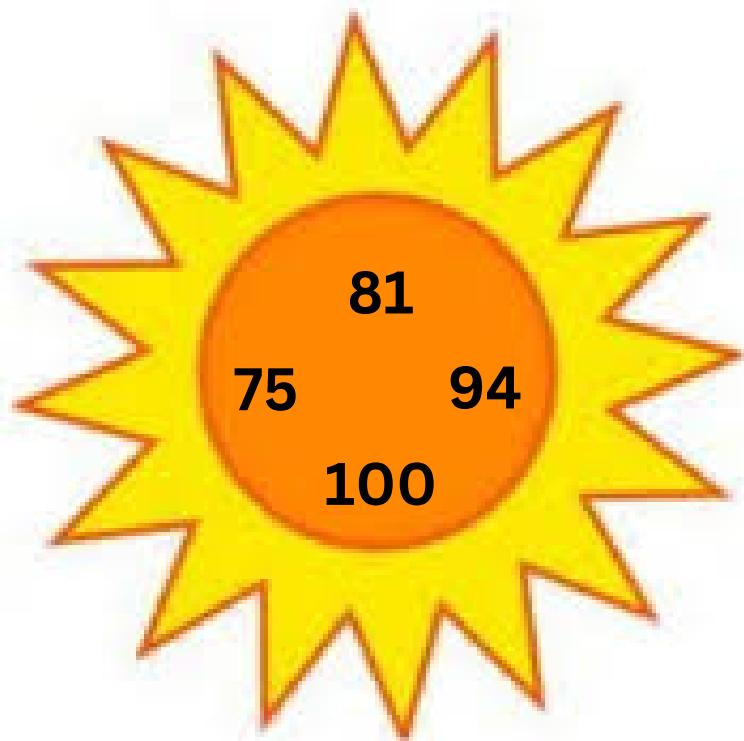
**\_\_\_\_\_ is big vehicle.**



**\_\_\_\_\_ is a baby dog.**



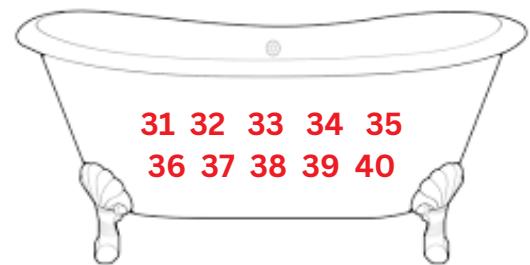
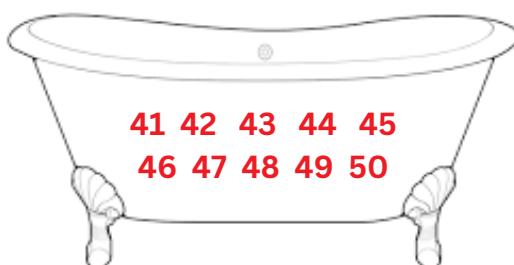
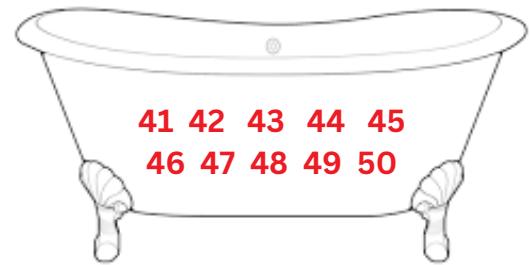
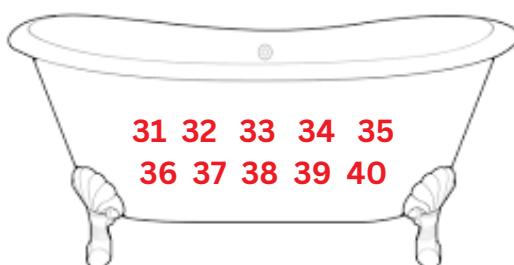
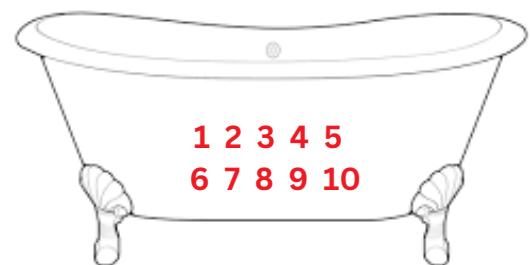
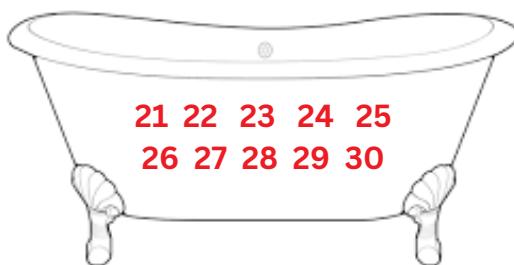
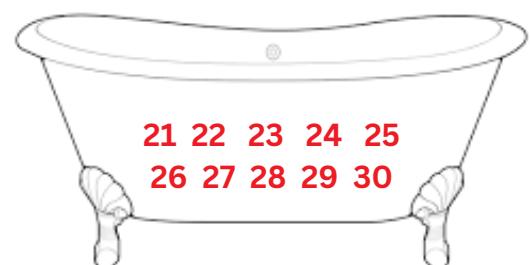
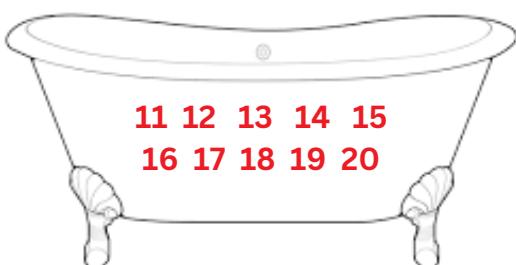
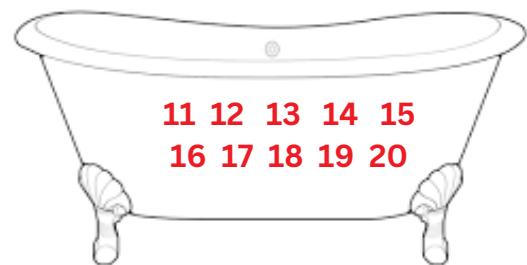
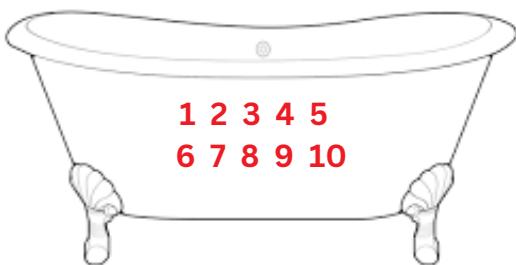
# Mathematics



## 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 full and empty capacities.
- Learns to identify, subtract, count and write numbers..
- Learns to add , count, write numbers by 3 and 4
- Learns to read and write missing numbers 1-100

**Read the numbers on the tub and match with the same.**



**Write the numbers on mugs 1-10**



**Write the numbers on mugs 11-20**



**Write the numbers on mugs 21-30**



**Write the numbers on mugs 31-40**



**Write the numbers on mugs 41-50**



**Write the numbers on mugs 51-60**



**Write the numbers on mugs 61-70**



**Write the numbers on mugs 71-80**



**Write the numbers on mugs 81-90**



**Write the numbers on mugs 91-100**



**Match the jugs according to the water level.**



**empty**



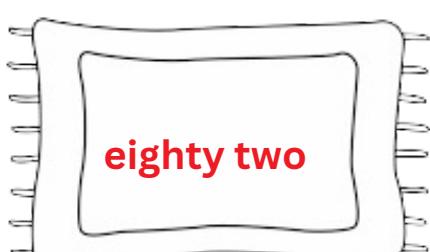
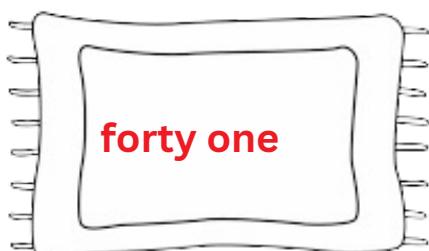
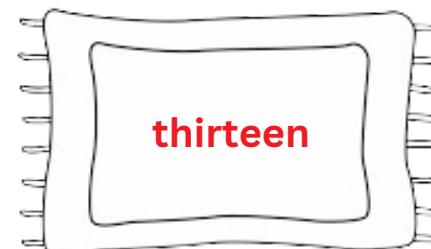
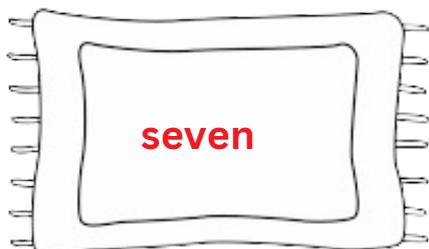
**half**



**full**



**Read the number names on the rug and write the number.**



**Add and count buns**

$$=$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$3 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$6 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$9 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$12 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$15 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$18 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

$$21 +$$
Three round, golden-brown buns with small brown spots, arranged horizontally.

**Count and write the number of nuts**

 $=$

 $=$

 $=$

 $=$

 $=$

**Subtract number of broken cups from total number of cups.**



**How many cups are there?**



**If one cup is broken**

**How many cups are left?**



**How many cups are there?**



**If one cup is broken**

**How many cups are left?**



-



=

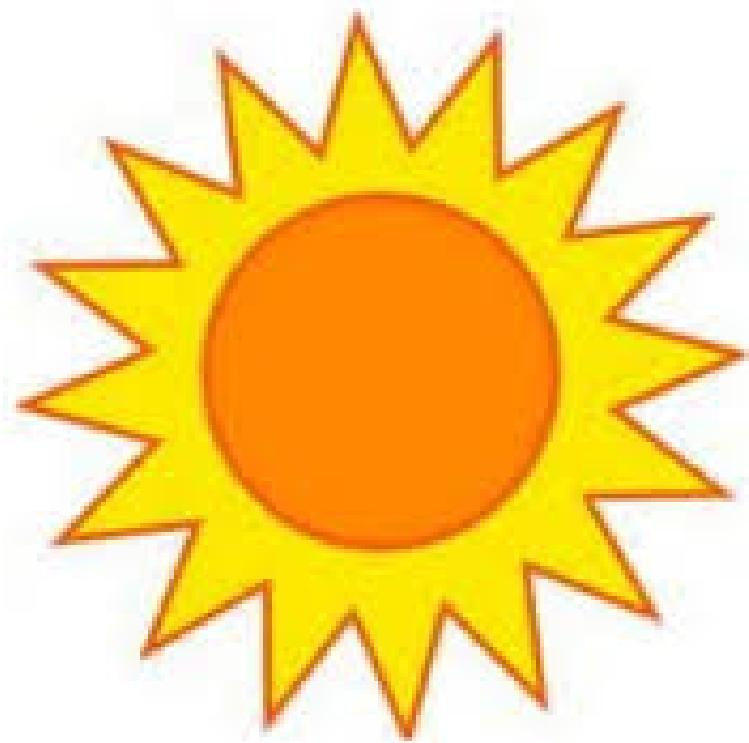


-



=

# **Environmental Science**



## **Learning objectives::**

- Learns to identify and match different things we see in nature..
- 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 following pictures which we see in the sky and  
match with names.**



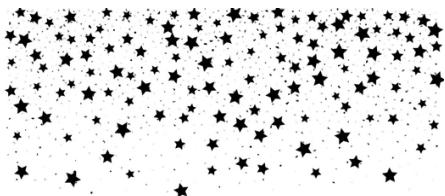
**sun**



**moon**



**stars**



**clouds**

**Look at the following pictures and match with names of body parts we rub with soap while taking bath.**



**rub the neck**



**rub the face**



**rub the chest**



**rub the neck**



**rub the legs**



**rub the hands**

**Look at the following pictures of nuts we eat and  
match with names.**



**cashew nuts**



**ground nuts**

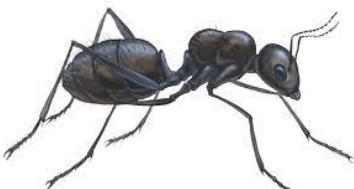


**pista nuts**



**almond nuts**

**Look at the following pictures of different bugs we see and  
match with names.**



**cockroach**



**ant**



**house fly**



**mosquito**

**Look at the following pictures of different objects we use in our house and match with related pictures.**



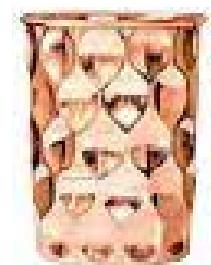
**jug**



**plate**



**cup**



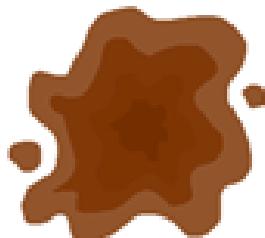
**glass**



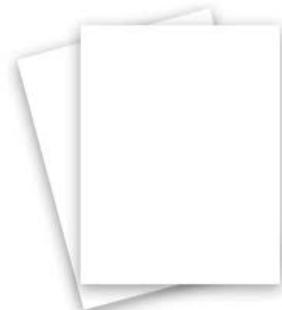
**gum**



**pot**



**mud**



**paper**

**Look at the following pictures of different flowers and buds  
and match.**



**rose bud**



**jasmine flower**



**jasmine bud**



**rose flower**



**lotus bud**



**hibiscus flower**



**hibiscus bud**



**lotus flower**

# 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 “u” sound words in capital letters.
- Learns to type short vowel “u” sound words in small letters
- Learns to type numbers 1- 100

# 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 "ub".**

**3 letter words end with "ug"**

**3 letter words end with "un"**

**3 letter words end with "ut "**

**3 letter words end with "ud"**

**3 letter words end with "um"**

**3 letter words end with "up"**

# 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 "UB".**

**3 letter words end with "UG"**

**3 letter words end with "UN"**

**3 letter words end with "UT"**

**3 letter words end with "UD"**

**3 letter words end with "UM"**

**3 letter words end with "UP"**

# 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**

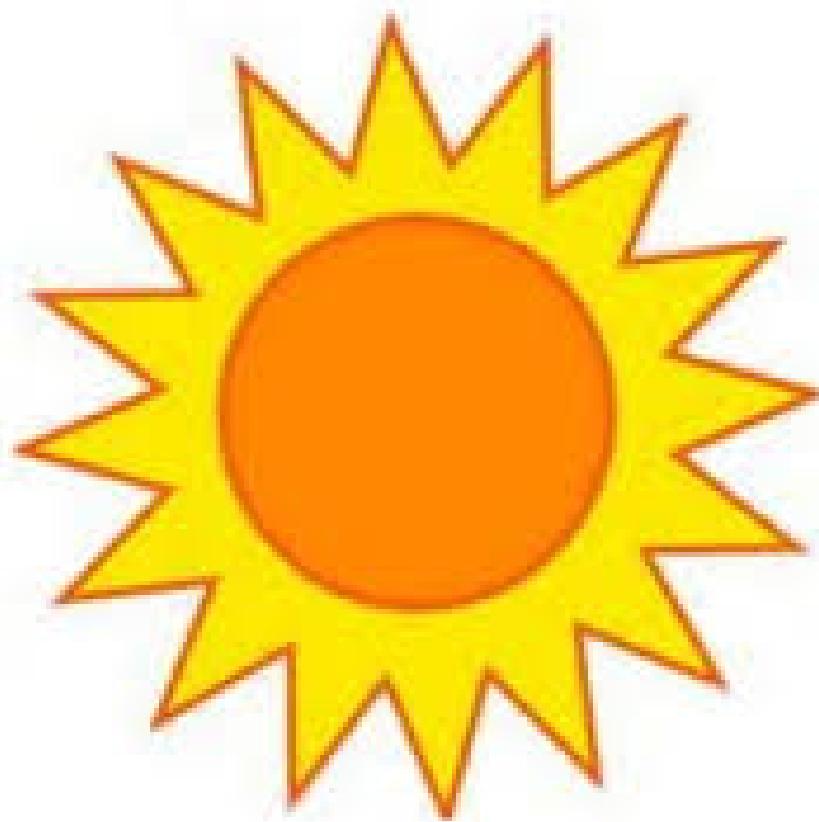
**Numbers 60 -70**

**Numbers 70- 80**

**Numbers 80 -90**

**Numbers 90 - 100**

# **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.

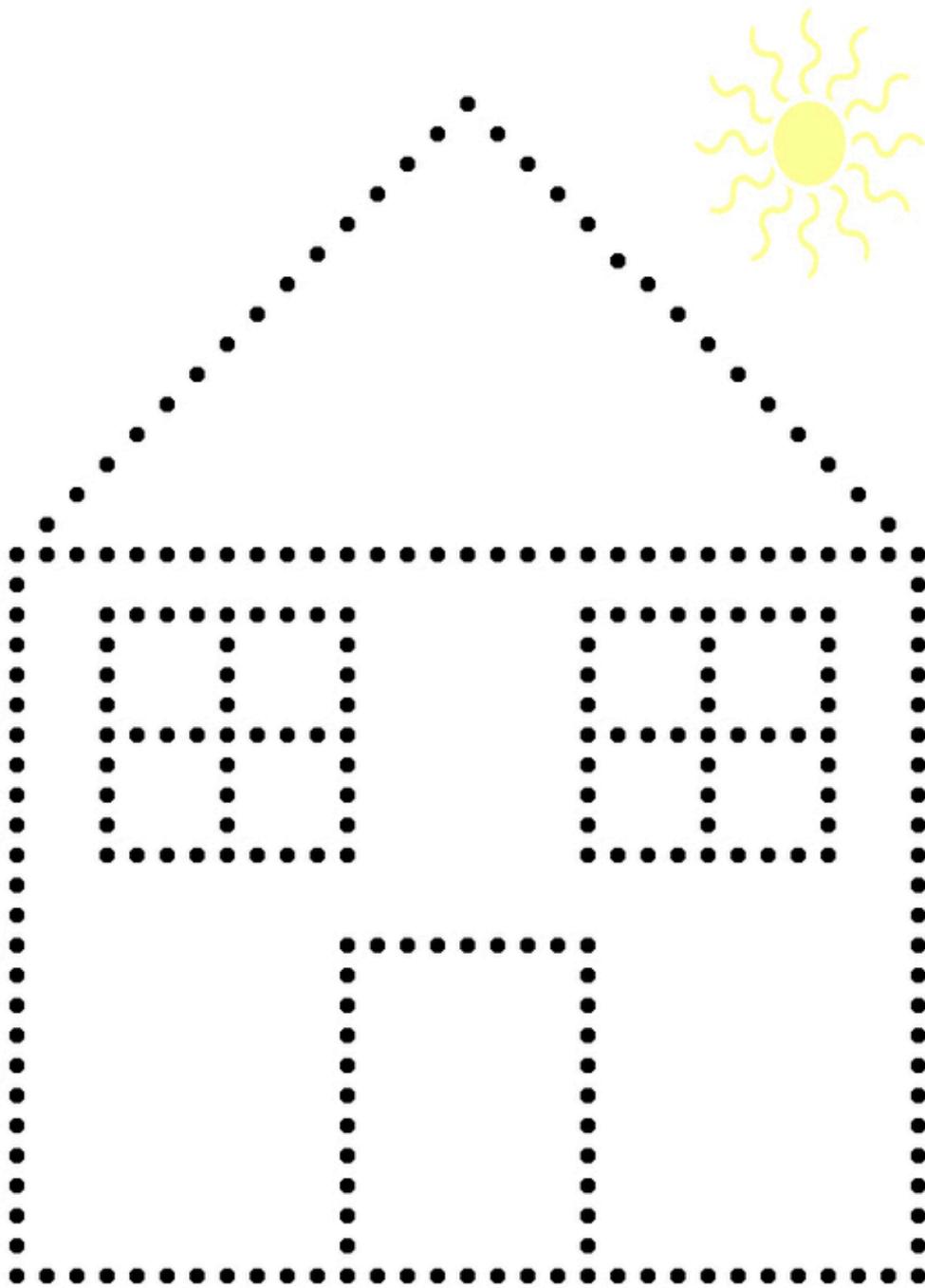
# **Knowledge**

**Color the jugs with primary colors**



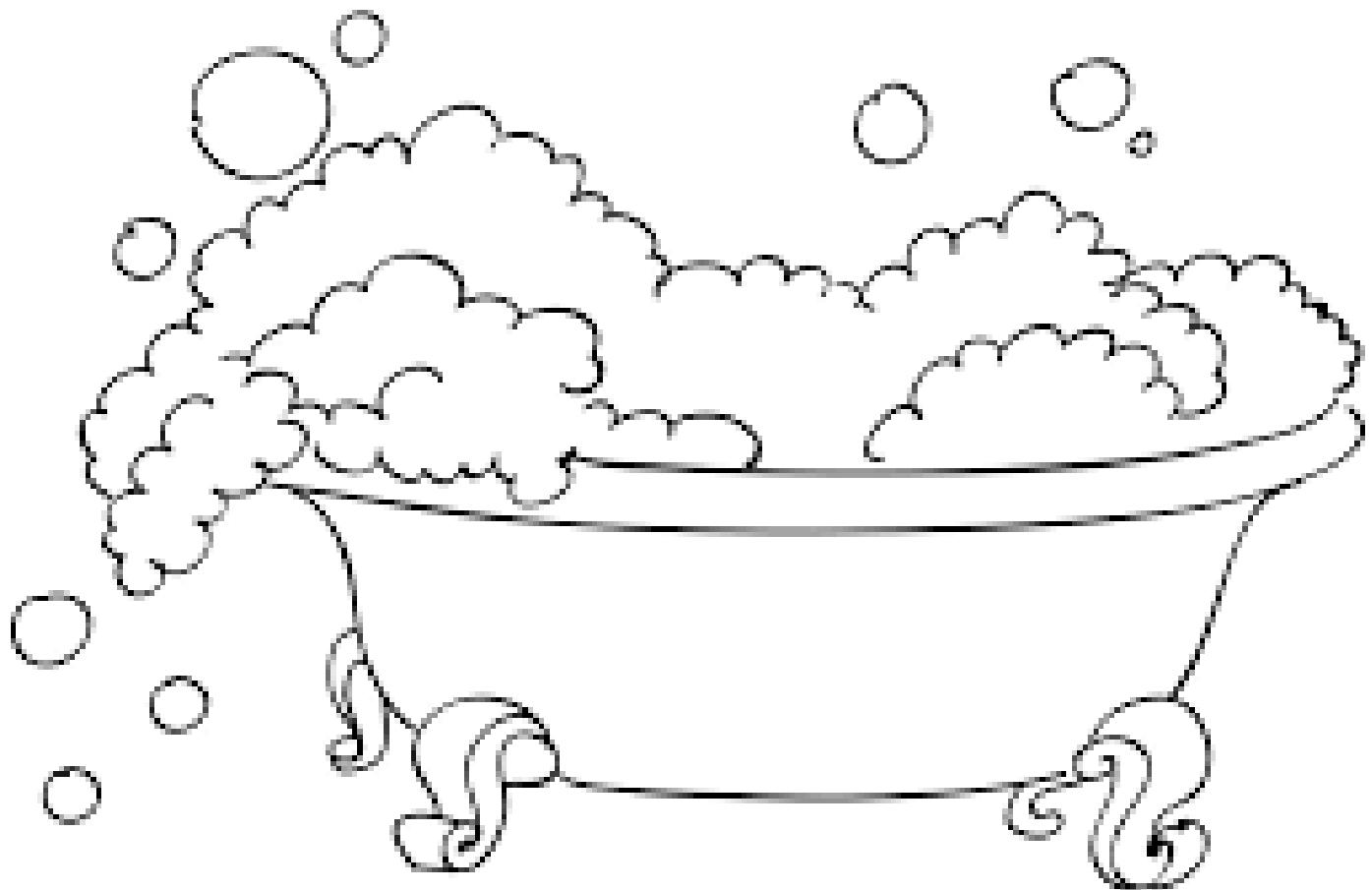
# **Visual Presentation**

**Trace and color the hut with primary colors**



# Art

**Color the bath tub using the following colors**



## **Designing**

**cut out the large circle for the sun's face and the long thin strips for the rays. Paste them onto the paper.**



# Production

**Use acrylic paints to paint the mugs.**

