

GK WORLD



For classes
1-8

Beautiful Flowers

Name the flowers. Pick your answers from the help box.



- marigold tuberose poppy
- sunflower orchid lily
- jasmine tulip hibiscus

DISCOVER
Visit a flower shop or nursery and learn the names of two new flowers.

FACT
Honey bees visit flowers to collect nectar. They use the nectar to make honey.

Quick Poll It is alright to pluck flowers from plants all the time.

ENVIRONMENT

Sensitizes learners towards conservation of environment

INDIA

explores India's rich heritage

Nice Denotation!

Here are popular nicknames or sobriquets for some states and cities of India. Complete the crossword with the help of the given clues to find out the names.



DOWN

1. Gateway of India
2. Garden City
3. Lake City
5. Sandalwood City
7. City of Joy

ACROSS

4. Diamond City
6. Spice Garden of India
8. City of the Golden Temple
9. Sugar Bowl of India
10. Emerald Land

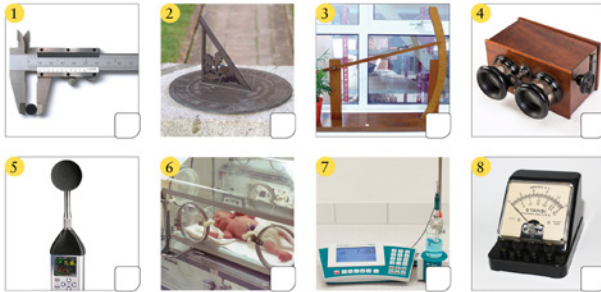
Quick Poll A sobriquet tells us about the thing it is attached to. Yes or No?

Scientific Appliances

A. Identify and name the appliances by their functions.

1. It is a device that converts mechanical energy into electrical energy. _____
2. It measures accurately the curvature of spherical objects. _____
3. An instrument that measures sound under water. _____
4. Device that regulates constant temperatures. _____
5. An instrument used for measuring altitudes and angles in astronomy and navigation. _____
6. This instrument compares intensities of colour. _____
7. It is used for the detection of electric impulses of the heart. _____
8. It detects the presence of electric charge. _____
9. Used for viewing objects whose direct vision is blocked and those that lie above the eye level. _____
10. Measure solar radiations with this. _____

B. Read the names given in the help box. Put the correct letters to identify these appliances.



FACT

A **scientific calculator** is an electronic calculator, intended to evaluate problems in science, engineering, and mathematics. These calculators are extensively used in both education and professional settings.

- | | | |
|----------------------|----------------|-------------|
| a. Infant incubator | b. ammeter | c. Calliper |
| d. Auzanometer | e. Sundial | f. pH meter |
| g. Sound-level Meter | h. Stereoscope | |

SCIENCE

SCIENCE

highlights some scientific achievements and provide facts for others

Guessing Food

Here are some popular food items from around the world. Match them with the countries of their origin.



1

a. Japan

b. Italy



3

c. India

d. United States of America



FUN
Introduce your favourite food to your friends by preparing a chart on it. Take help from an elder to write the recipe, paste a picture of the food, and say in a few words why you love the food.

e. China

f. Mexico



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DISCOVER
Who is a foodie?

WORLD



5



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WORLD
information about world

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Odd One Out

Circle the odd one in each row.

1.



a b c d

2.



a b c d

3.



a b c d

4.



a b c d

5.



a b c d

6.



a b c d

7.



a b c d

8.



a b c d

BRAINSTORMING

BRAINSTORMING

Gives direction to the lesson by listing the main concepts

LIFE SKILLS

Gives direction to the lesson by listing the main concepts

Water is precious

Look at the pictures and discuss what they show. Tick (✓) if water is being saved. Cross (✗) if water is getting wasted.

1



2



3



FACT

Water is precious. Plants, animals and human beings need water to live.

DISCOVER

What do you do to save water?

4



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LIFE SKILLS

Activity

ACTIVITY

How to make a Volcano

This classic baking soda volcano science experiment is a fun about the baking soda and vinegar reaction.

Material Required

- Baking Soda
- Vinegar
- Food Colour
- Dish Soap
- Water
- Small Cup



Procedure

- Step 1: Put the water inside of the plastic cup. Fill it about 2/3.
- Step 2: Add 2 drops of food colour
- Step 3: Add 2 tablespoons of baking soda into the plastic cup
- Step 4: Add a drop of liquid dish soap for an extra foaming effect
- Step 5: Add vinegar into the plastic cup. Now it's time for the eruption!

Why does this happen?

The vinegar and the baking soda mix together to make an acid reaction. The chemical reaction creates carbon dioxide gas trapped up from the mixture. The gas expands up and out of the bottle causing an eruption!

You can learn and do more activities on your own:
<https://www.thebestideasforkids.com/baking-soda-volcano/>

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ACTIVITY

How to make Tissue Box Monsters

These cute tissue box monsters are a great way to recycle an old box! Kids will love designing their own monster. Every tissue box is unique and they can be repurposed for different uses, so it's a waste of materials!

Material Required:

- Tissue boxes
- Acrylic paints
- A paintbrush
- Scissors
- glue stick
- marker
- Things to decorate: googly eyes, buttons, stickers, pom poms and more



Procedure:

- Step 1: Carefully remove inner plastic film from the tissue box.
- Step 2: Paint your box with craft paint of your choice. Leave to dry.
- Step 3: Paint the inside back of the box black.
- Step 4: Draw to reshape the mouth opening if you like and cut out.
- Step 5: On a white sheet of paper with a marker draw a zigzag to repeat for the bottom. Cut out the traced teeth. Glue into the mouth.
- Step 6: Decorate the body of the box with anything you like buttons, pom poms and stickers.
- Step 7: Eyes can be made from pom poms or foam balls. Glue eyes into the face.

You can learn and do more activities on your own:
<https://www.firstpalette.com/craft/paper-bowl-jellyfish.html>

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ACTIVITY

How to make Fruit Popsicles

Fruit popsicles made with real, fresh fruit are a yummy and refreshing treat for summer! Here is how you can make your fruit popsicles.

Material Required:

- Popsicle Molds
- Popsicle Sticks



Ingredients:

- 2 Kiwis (chopped)
- 1 cup Strawberries(chopped)
- 1/2 cup Raspberries (chopped)
- 1/2 cup Blueberries (chopped)
- 2 cups Apple Juice

Procedure:

- Step 1: Peel and chopped the kiwis, Strawberries, Raspberries and Blueberries.
- Step 2: Carefully press the chopped kiwis and Strawberries against the sides and bottom of each mold. Add blueberries and raspberries to fill any gaps as you go.
- Step 3: Add as much fruit as you can fit into the mold, continuing to press it. Use a popsicle stick to press the fruit against the sides of the mold.
- Step 4: Fill the molds with apple juice, leaving about 1/4" of space at the top for the juice to expand when it freezes.
- Step 5: Insert a popsicle stick in the middle of each popsicle, between the 2 layers of fruit.
- Step 6: Freeze the popsicles overnight (or a minimum of 4 to 6 hours).
- Step 7: Run the molds under hot water to help the popsicles release.

You can learn and do more activities on your own:
<https://www.firstpalette.com/craft/paper-bowl-jellyfish.html>

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ACTIVITY

These hands-on activities encourage 'learning by doing' and instil a range of skills such as exploratory task

ACTIVITY

Spell Smart

Here is a game which helps you to learn how to spell words. You will need a pencil, paper, and the help of an adult.



1

Choose a word you want to spell.



2

Ask an adult to write down for you.



3

Look at the word making a picture of it in your mind.



4

How do you need to change yours to get it exactly right?



5

Go back to the word with your piece of paper. Look at what you have got right.



6

Try to write the word on another piece of paper.



7

Now go away from the word thinking of it all the time.



8

Now try again. This time you should be getting much closer to the right spelling.



9

Keep doing this until you get the word exactly right.



10

At first you might need lots of goes but with practice you will get better and better.

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GK WORLD

The series highlights the essentialities of National Education Policy 2020. The Policy lays emphasis on a rich range of learning as important components in developing 21st century skills. GK World is a series for grade levels 1 to 8, and brings the subject closer to life. It curiously connects to the multifaceted streams of knowledge, be it Environment, Science, Social Studies, Language and Literature, and Numbers and Logic, or other promises of life such as Art and Entertainment, Sports, and the big wide World that we belong to. The series provides a rich range of exercises and activities emphasis on conceptual understanding rather than rote learning.

DIGITAL INTEGRATION

Technology itself will play an important role in the improvement of educational processes and outcomes. To enrich the teaching-learning process with online resources to meet the current and future challenges.

Teacher's Portal

Portal design for monthly current affairs which have been specially designed for teachers.

VISIT: <http://erct.eduline.co.in/>

INTEGRATED APPROACH

An approach will strengthen the linkages between education and culture by connecting knowledge and skills.

The
GK World
series contains the
essentialities of National
Education Policy 2020 to
transform the competency-
based assessment of creating
holistic and well-rounded
individuals equipped
with key 21st
century skills.

21ST CENTURY SKILL

Aim to develop good, thoughtful, well-rounded and creative individuals.

EXPERIENTIAL LEARNING

These features promote interactive and fun classrooms through collaborative and exploratory activities.

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