

Kick-Start

Into the World of General Knowledge **SERIES**

6

Series Editor
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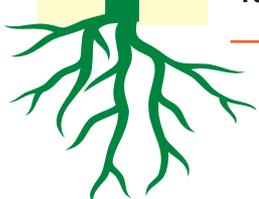
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1

A simple conversation guide

Are you a good communicator? Follow these tips to become one.

CONNECT



CONTEXT

Be clear about the situation

- Ask first.
- Share your intention.
- Provide clarity on your topic.
- Describe the situation or circumstances; be specific.

ONE THING

Focus on the most important thing you want to discuss.

- Focus feedback on one bite (i.e., one thing).
- Hone on what's most important.
- Avoid the "pile-on".

OBJECTIVE

Factually describe what you observed.

- Provide clear details as you describe the specific behaviours or situation you observed or participated in.
- Notice without attributing motive or judgement; blame or shame.

OBJECTIVE GOSSIP

Avoid Gossip

- Speak to what you know.
- No evaluation. No assumptions.
- Assume best intentions.

EFFECT

Share the resulting impact.

- Describe the effect or impact on both the receiver and others (you, peers).
- Share your thoughts and emotions.
- Describe the future behaviour or situation without demanding or demeaning.

CONVERSATION

Talk, test, explore, learn, and plan together.

- Talk face to face. Sit down together.
- Shift from knower to learner.
- Listen to and try to understand each other's point of view.
- Ask questions that expand the conversation.
- Don't rush to act.

TRUST

Deepen bonds and expand relationships.

- Keep the connection going by planning your next conversation.
- Cocreate next steps and agree to a commitment.
- Recognise that with each positive connection you're strengthening the relationship.
- Trusted feedback gets easier and more natural with time and practice.



Task time

Get into groups and practise the art of 'CONNECT'.

2

Student skills

Read this story.

The hunter and the pigeons

There was a flock of pigeons which lived on a banyan tree. One day, the pigeons were flying in search of food. They saw plenty of grains strewn around on the ground. All of them came down on the ground to pick up the grains. But it was a net laid by a hunter. All the pigeons were trapped in the net which the hunter had spread on the ground.

The pigeons were very sad and felt dejected because they knew that their end was near. The leader of the pigeons asked them not to lose courage. He said that if all of them made a joint effort they would be able to fly away with the net. The leader was a wise pigeon and knew the power of unity. All the pigeons tried in unison and finally were able to fly along with the net.

The hunter could do nothing but repent at seeing the pigeons flying away.

After flying for a long time, they reached a place where an old friend of the pigeon king lived. He was a rat. The pigeon king called for his friend and then the rat came out of his hole. Once he understood the whole story, he called his folks. All the rats worked on the net and were able to cut it to set the pigeons free.



Look at the skills that you can learn from this tale:

Curiosity & Imagination	Pigeons explored the grains strewn on the ground.
Critical thinking & Problem solving	All the pigeons got caught in the net but would not give up.
Initiative & Entrepreneurship	King pigeon decided to lead the team of pigeons to safety.
Accessing & Analysing information	Flying away with the net was the only option.
Effective communication	King pigeon convinced everyone to fly.
Agility & Adaptability	All of them flew away and escaped from the hunter.
Collaboration across networks & Leading by influence	Used the friendship of rats to get free.

These are the 7 skills you will need to succeed.



Task time

Get into groups. Analyse the following tales based on the table of skills.

1. The Monkey and the Crocodile,
2. The Stork and the Crab,
3. The Elephants and the Mice,
4. The Loyal Mongoose,
5. The Tortoise and the Geese.

3

Stress busters

School is packed with potential stressors - everything from penning assignment papers to giving presentations, to taking final exams. Do not allow stress to bulldoze you.

A Mindful S.N.A.C.K.

The next time you're feeling stressed out, overwhelmed, or unsure, reach for a moment of calm awareness: a mindfulness **SNACK**.

Here is how to do it:

S

Stop

Just stop whatever you're doing. (Stopping, by definition, requires us to begin again. We can always begin again.)



N

Notice

What is happening within and around you?



A

Accept

This is a tricky one. Whatever it is you're struggling with (time, exams, sleepiness, frustration) acknowledge it for what it is, without judgement.



C

Curious

Ground yourself with questions about your experience and environment: What am I feeling? What do I need right now?



K

Kindness

Respond to yourself and others (mistakes and all) with kindness and observe how that helps to get things back on track.



Use the SNACK method to come out of stress in the following situations. Make a chart and see how SNACK helps you.

1. Teams have been assigned for science class projects and you are having a hard time working with your partners. You shared an idea for a project, asking your team if they thought it would work. They called you stupid and said it was a silly idea. How can you deal with this situation to make it work?
2. You tried out to perform in the school band but didn't make it. The others thought you didn't play the guitar well enough and that you did not sing well. Your dream is to be part of a band, so you got mad and broke your guitar. Now your mother is upset too, as she got you the guitar. How do you get over this and feel better?
3. Every day you have a really hard time staying awake in your classes. Teachers keep talking to you, but you don't want to say that you stay up late, watching your favourite TV show. It is hard for you to get much sleep because you are hooked on to it. You don't want to fail. What can you do to deal with the stress you are feeling?
4. You told your mom you wanted to go out with your friends in the weekend. But she said you are still too young to go out with friends. Everyone else gets to go, but you don't. Some suggest that you lie to your mom and do it anyways. You really want to go out and don't know what to do. What options do you have, and what would be the best choice?

	Stop	Notice	Accept	Curious	Kindness
1					
2					
3					
4					

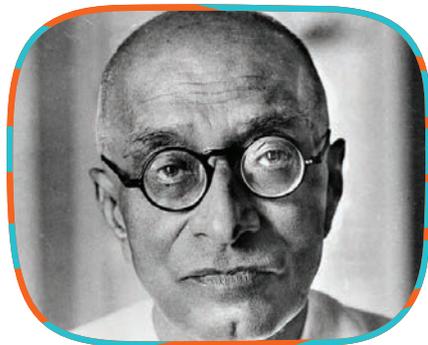
4

Highest civilian award

Awards are given to people to recognise their excellent work in their fields. Awards give energy and enthusiasm to people to contribute more. The Bharat Ratna is the highest civilian award of the Republic of India. The recommendations for Bharat Ratna are made by the Prime Minister to the President. A maximum of 3 nominations can be made per year. Recipients receive a sanad (certificate) signed by the President and a Peepal-leaf-shaped medallion; there is no monetary grant associated with the award.

The Bharat Ratna was first awarded in the year 1954.

The first recipients were:



Rajagopalachari

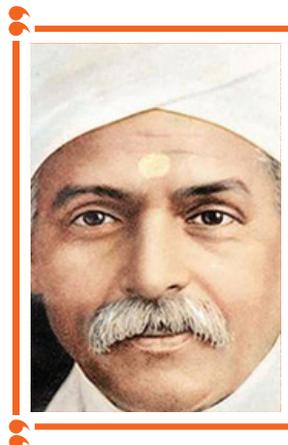


C. V. Raman

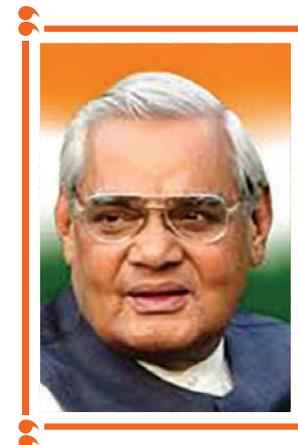


**Sarvepalli
Radhakrishnan**

The recipients of the Bharat Ratna award in the year 2015 were:



**Madan Mohan
Malaviya**



**Atal Bihari
Vajpayee**



Get a grasp

In 2019 Pranab Mukherjee, Bhupen Hazarika and Nanaji Deshmukh were awarded the Bharat Ratna.

I am the first to receive the Bharat Ratna!



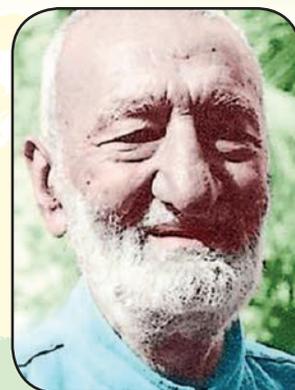
Indira Gandhi



Sachin Tendulkar



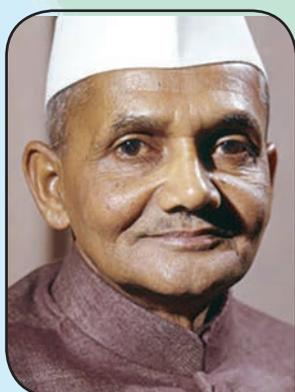
C. V. Raman



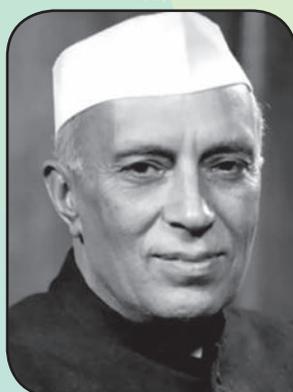
Khan Abdul Ghaffar Khan



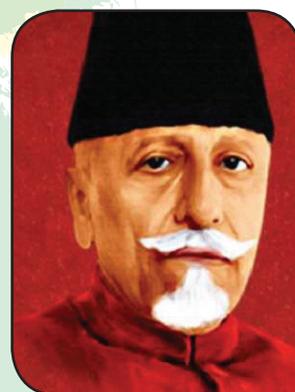
M.S. Subbulakshmi



Lal Bahadur Shastri



Jawaharlal Nehru



Abul Kalam Azad

A. With the help of the picture clues fill in the 'firsts' in the blanks.

- 1. First musician _____
- 2. First non-Indian _____
- 3. First woman _____
- 4. First sportsperson _____
- 5. First scientist _____
- 6. First Indian to decline the award _____
- 7. First posthumous recipient _____
- 8. First Prime Minister of India _____

5

Cultural landmarks

Great monuments have been built since ancient times, reminding us of the world's rich culture and heritage.

Identify the famous landmarks and write their names.



Help box

Notre-Dame
Parthenon
St. Peter's Basilica
Angkor Wat
Big Ben
Pharaohs of Alexandria



A famous lighthouse, built in Egypt, 2200 years ago, with a ramp leading to the top, where a fire burned at night.

1 _____



The Vatican has the world's largest church, built on the site where the first Pope, St. Peter, was martyred and buried.

2 _____



A Catholic church in Paris, named 'Our Lady'; Napoleon Bonaparte was crowned here as the emperor in 1804.

3 _____



Get a grasp

On 15 April 2019, a structure fire broke out beneath the roof of Notre-Dame de Paris cathedral in Paris. By the time it was extinguished, the building's spire and most of its roof had been destroyed and its upper walls were severely damaged; extensive damage to the interior was prevented by its stone vaulted ceiling, which largely contained the burning roof as it collapsed.



London’s iconic clock tower, ticking since 1859, on the banks of the Thames River; known by a nickname.

4 _____



Goddess Athena was worshipped at the Acropolis in Greece; in existence for 2500 years.

5 _____



Largest religious monument in the world; Indianised temple complex.

6 _____



Yonder

Architecture and engineering are the basis for any construction. Select any global landmark of your choice, and explore the way it was constructed. Later, have a group discussion in class.



Ethical compass

India has a rich heritage of famous monuments, palaces, forts and pilgrimage sites, and epigraphs, coins, sculptures and drawings. The Archaeological Survey of India (ASI) takes several initiatives to preserve our heritage. How can citizens and tourists contribute to this effort?

6 Everyday Science

What would we do without the electric bulb? How would it be without televisions, computers and laser beams? Inventors and inventions are an integral part of our lives.

Identify these inventors using the clues given. Match the photos to their findings by writing their number in the box.

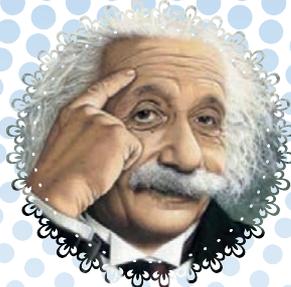


Help box

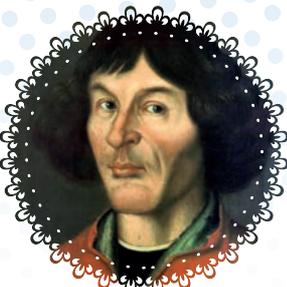
Nicolaus Copernicus
Marie Curie
Charles Darwin
Albert Einstein
Thomas Edison



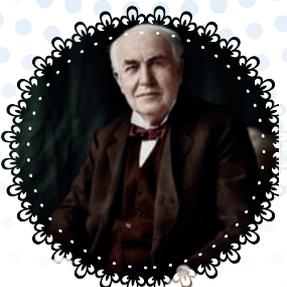
1 _____



2 _____



3 _____



4 _____



5 _____

Clues

Photo

- a. The Sun is at the centre of our solar system, and all the planets orbit around it.
- b. Invented an instrument to measure radioactivity. With her husband, Pierre, she discovered the element, radium.
- c. Revolutionary idea that plants and animals evolve over time, by a process called natural selection.
- d. Patented (registered with the government) over 1000 inventions, including the electric light bulb.
- e. Revolutionised physics in the 20th century; called the most intelligent man of the 20th century.

 **Task time**
Find the name of one Indian patent, based on an Indian invention.

7

Art, anyone?

'A thing of beauty is a joy forever', said John Keats.
The saying springs to mind, while viewing beautiful works of famous painters.

Name these very famous Indian paintings.



1

An iconic painting of Abanindranath Tagore; depicts a saffron-clad woman, holding in her four hands, a book, sheaves of paddy, a piece of white cloth, and a garland.

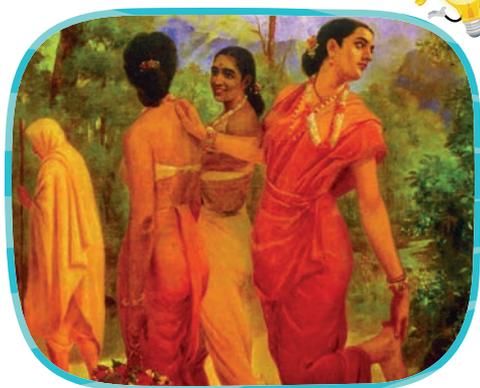


2

Amrita Sher-Gil, an eminent Indian painter; called 'one of the greatest avant-garde women artists of the early 20th century'; Has modelled the paintings on herself.



Ethical compass



3

An epic painting from the Mahabharata; by famous Indian painter Raja Ravi Varma; the woman removes a thorn from her foot, while covertly looking for her husband/lover, Dushyanth.

Art instruction helps with the development of motor skills, language skills, social skills, decision-making, risk-taking, and inventiveness. Visual arts teach learners about colour, layout, perspective, and balance.



4

India's most prolific painter, Maqbool Fida Hussain; enjoyed depicting the free spirit of this particular animal, in several of his works.

8 Tapping toes

The rhythmic movement of the body to music is called dance. There are different dance forms and distinct styles, worldwide.

Identify the dance forms.

Clues

Dance forms



A popular partner dance that originated in the Uruguay and Argentina border.

1 _____

This popular ballroom dance form originated in southern Germany and Austria.



2 _____



This central European dance form originated in Bohemia; popular in Europe and USA.

3 _____



Help box

Tango Kathak Polka Can-Can Waltz Kabuki



Train of thought

Physical impact: Dance helps children with their strength, flexibility and posture.

Intellectual impact: Dance improves brain function through thought process and muscle memory.

Emotional impact: Dance helps find the courage and strength to freely express thoughts.



This is a classical Japanese dance-drama art form.

4



This high-energy dance form is traditionally performed by a chorus line of female dancers.

5

An Indian classical dance form that goes back to the Kathakars (storytellers), of ancient northern India.



6



Answers

Page 10-11 1. M. S. Subbulakshmi 2. Khan Abdul Ghaffar Khan 3. Indira Gandhi
4. Sachin Tendulkar 5. C. V. Raman 6. Abul Kalam Azad 7. Lal Bahadur Shastri
8. Jawaharlal Nehru

Pages 12-13 1. Pharaohs of Alexandria 2. St. Peter's Basilica 3. Notre-Dame 4. Big Ben
5. Parthenon 6. Angkor Wat

Page 14 1. Charles Darwin 2. Albert Einstein 3. Nicolaus Copernicus 4. Thomas Edison
5. Marie Curie a. 3 b. 5 c. 1 d. 4 e. 2

Page 15 1. Bharat Mata 2. Self-Portrait 3. Shakuntala 4. Horses

Pages 16-17 1. Tango 2. Waltz 3. Polka 4. Kabuki 5. Can-Can 6. Kathak

Page 18 1. chronology 2. radiology 3. meteorology 4. neurology 5. cardiology
6. hydrology

Pages 19-20 1. ECOSYSTEM 2. COMPOST 3. TOXINS 4. OZONE 5. BIODEGRADABLE
6. FAUNA 7. GLOBAL WARMING 8. FOSSIL FUEL 9. RECYCLE 10. ACID RAIN
11. LANDFILL 12. INCINERATION 13. CROP DUSTING 14. GREENHOUSE EFFECT
15. URBAN SPRAWL

Page 23 **ACROSS** 1. PACIFIC 4. ANDES 6. ASIA 8. SUNDERBANS 11. SAHARA
12. TOKYO **DOWN** 2. CHINA 3. GREENLAND 5. NILE 7. SUEZ 9. RUSSIA
10. BAIKAL

Page 26 1. My experiments with truth 2. Wings of Fire 3. The man who knew infinity
4. Beyond the last blue mountain 5. Playing it my way

Page 27 1. d 2. e 3. d 4. e 5. b 6. c

Pages 28-29 1. Dholavira 2. Vijayanagara 3. Poompuhar 4. Kalibangan 5. Dwarka
6. Vasai 7. Pattadakal

Page 30 1. Grand Canyon 2. Amazon River 3. Mount Everest 4. Uluru
5. The Great Barrier Reef 6. The Giant's Cause Way

Pages 31-33 **A.** 1. entrepreneur, organisation, business 2. founder, business plan, finance,
employees 3. risks and benefits

Page 34 1. born 2. bore 3. bare 4. hare 5. hard 6. herd 7. here 8. hire 9. hive
10. give 11. dive 12. dove 13. move 14. more 15. core

Page 35 1. Microsoft 2. Apple 3. Google 4. Facebook 5. YouTube 6. Yahoo
7. Oracle 8. Hotmail 9. Wipro 10. LinkedIn

Pages 36-37 1. Take shorter shower.
2. Turn off the water while soaping hands and brushing teeth.
3. Turn off sink tap while scrubbing dishes and pots.
4. Use energy star labelled washing machine.
5. Water your garden early or late in the day.
6. Use new toilets that use less water to flush.
7. Use a broom instead of hose, to clean drive ways and walkways.
8. Use a shutoff nozzle on your hose.

Pages 38-39 1. hybrids 2. biodiesel 3. ethanol 4. electricity 5. hydrogen 6. autogas

