

Millennium World School, Patna  
Holiday Homework  
2022-23  
CLASS: VIII



Name: \_\_\_\_\_ Sec. \_\_\_\_\_ Roll no.: \_\_\_\_\_

# SUSTAINABLE DEVELOPMENT GOALS





## ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

### BEFORE COVID-19

PROGRESS IN MANY HEALTH AREAS CONTINUED, BUT NEEDS ACCELERATION



### THE PANDEMIC HAS

INTERRUPTED CHILDHOOD IMMUNIZATION PROGRAMMES IN AROUND 70 COUNTRIES



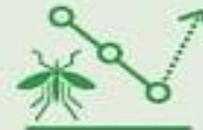
### COVID-19 IMPLICATIONS

HEALTHCARE DISRUPTIONS COULD REVERSE DECADES OF IMPROVEMENTS



HUNDREDS OF THOUSANDS OF ADDITIONAL UNDER-5 DEATHS MAY BE EXPECTED IN 2020

ILLNESS AND DEATHS FROM COMMUNICABLE DISEASES WILL SPIKE



SERVICE CANCELLATIONS WILL LEAD TO 100% INCREASE IN MALARIA DEATHS IN SUB-SAHARAN AFRICA

LESS THAN HALF OF THE GLOBAL POPULATION



IS COVERED BY ESSENTIAL HEALTH SERVICES

(2017)



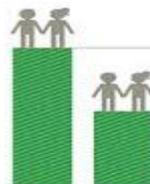
## 3 GOOD HEALTH AND WELL-BEING



UNDER-5 DEATHS DROPPED FROM

9.8 MILLION IN 2000

TO 5.4 MILLION IN 2017



THE TUBERCULOSIS INCIDENCE RATE DECLINED BY 21% BETWEEN 2000 AND 2017; NONETHELESS 10 MILLION PEOPLE DEVELOPED TUBERCULOSIS IN 2017

VACCINATIONS RESULTED IN AN 80% DROP IN MEASLES DEATHS BETWEEN 2000 AND 2017



THE INCIDENCE OF HIV AMONG ADULTS 15-49 YEARS OLD IN SUB-SAHARAN AFRICA DECLINED BY 37% BETWEEN 2010 AND 2017

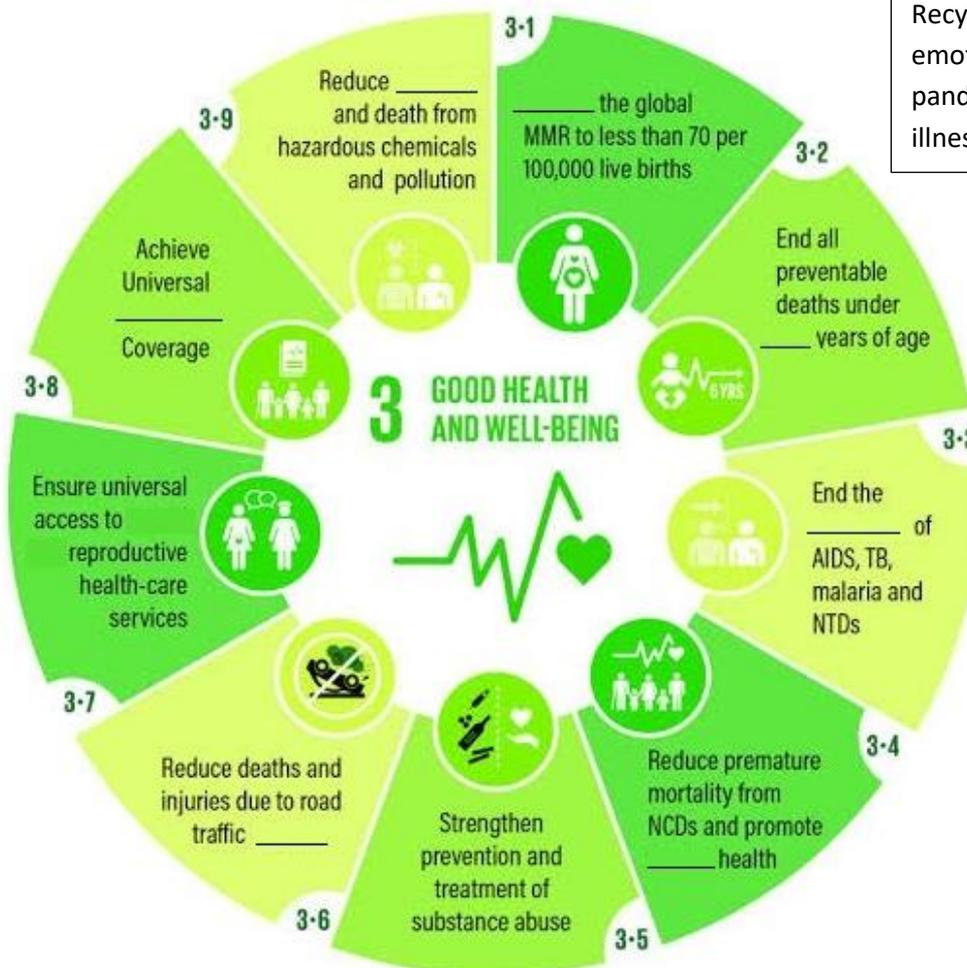


- List down the words related to health and well-being from the box given below .

## Wellbeing

N	E	E	O	C	X	H	E	A	L	T	H	E	A
H	I	B	A	W	A	R	E	N	E	S	S	E	B
N	E	E	L	G	N	I	N	R	A	E	L	R	
N	B	A	N	L	I	M	G	S	T	T	S	R	E
O	N	G	R	B	I	E	T	R	I	D	A	E	A
I	B	I	V	K	N	E	E	E	O	H	E	O	T
S	H	O	P	E	N	C	F	I	R	W	G	A	H
S	E	C	N	E	I	L	I	S	E	R	T	E	I
A	B	N	O	R	S	N	A	O	S	H	O	H	N
P	B	R	N	O	I	T	A	T	I	D	E	M	G
M	T	K	I	N	D	N	E	S	S	C	C	I	R
O	L	A	C	O	N	N	E	C	T	I	O	N	H
C	M	C	E	N	E	S	I	C	R	E	X	E	E
E	F	C	E	E	W	L	O	V	E	C	E	S	T

- Fill in the blanks with the most appropriate option given in the box. Kindly don't repeat the options.



Recycle, Reduce, 7 years, 5 years, emotional, health, mental, pandemic, epidemic, accidents, illness.

## ENGLISH

Q 1- Design posters on the importance of having a growth mind set and put them up in your school to promote good health and well- being.

Q 2 – Read the passage given below and write the answer you consider the most appropriate in your answer sheet.

Educating boys and girls together has always been an important and stressful issue. Many parents believe that the educational process can be more effective if the classes are divided according to the gender of the students. Although same-sex schools are considered too conservative and strict in today's times. Nevertheless, there are still supporters of this manner of education. Some parents are not in favour of a co-educational system as they feel that the presence of the opposite gender distracts the attention of students and prevents them from concentrating on studies.

On the other hand, supporters of co-education feel that as boys and girls are different, it is a valuable experience for both genders to communicate with each other. Moreover, the earlier boys and girls begin to communicate, the sooner they acquire social skills, which are crucial to communicating freely in the world. Further, if there are girls in the class, boys may well possibly try to behave better in order not to lose face in front of the girls.

Apart from all that has been mentioned above, educating boys and girls together helps them understand and mutually respect each other from an early stage in life. This can possibly help in building a generation that doesn't suffer from gender bias and is open to a healthy competition even between the two genders.

1. Why according to the writer are some parents not in favour of the co-education system?
2. Why are socializing skills important?
3. What according to the writer helps girls and boys develop mutual respect for each other?
4. Find words from the passage that mean:
  - a. traditional: \_\_\_\_\_
  - b. paying attention: \_\_\_\_\_
  - c. vital: \_\_\_\_\_
  - d. unfairness: \_\_\_\_\_
5. Find all the Definite & Indefinite articles used in the comprehension.

Q 3. Creative Learning Worksheet – Do Worksheet no- 1,3,4,5,10,11,15,25 and 26

Q 4. English Grammar- Revise Chapter-1

Q 5. English Literature- Revise Chapter-1

### Hindi

1. हिंदी वर्कशीट 1 से लेकर 20 तक पूरा करें।

2. अनुच्छेद लेखन-

क मेरे सपनों का भारत

ख विज्ञान वरदान या अभिशाप

3. अपठित गद्यांश पढ़कर निम्नलिखित प्रश्नों के उत्तर दें-

अशोक की गणना सुंदर वृक्षों में होती है। इसके वृक्ष हिमालय के कुछ ऊंचे पर्वतीय क्षेत्रों को छोड़कर सर्वोच्च भारत में सर्वाधिक पाए जाते हैं। बाल्मीकि रामायण में इस वृक्ष का उल्लेख मिलता है। लंका में रावण की वाटिका में इसके घने छायादार वृक्ष लगे थे। राम ने भी वनवास के समय पंचवटी में जिन पांच वृक्षों को लगाया था, उनमें से एक वृक्ष अशोक है। अशोक का संस्कृत नाम अशोकः गतशोकः है। वनस्पति शास्त्री इसे 'सराका इंडिका' कहते हैं।

अशोक वृक्ष सामान्यतः 7 से 10 मीटर ऊंचा होता है। विलियम जोन्स ने इसकी प्रशंसा करते हुए कहा था, वनस्पति जगत में अशोक से बढ़कर शायद ही कोई अन्य मनोरम वृक्ष होगा।

अशोक का वृक्ष आयुर्वेदिक दृष्टि से भी महत्वपूर्ण है। इसकी छाल, जड़ तथा फूल सभी दवा बनाने के काम आते हैं।

अशोक वृक्ष की लकड़ियां हवन के काम आती हैं। इसके पत्तों से वंदनवार बनाकर घरों के दरवाजे को सजाया

जाता है। बौद्ध मत के अनुयायी इस वृक्ष को श्रद्धा के साथ पूजते हैं। अशोक वृक्ष की अपनी सुंदरता, अपना महत्व है और बना रहेगा।

क- वनस्पति शास्त्र में अशोक को किस नाम से जाना जाता है?

ख- अशोक वृक्ष किस दृष्टि से महत्वपूर्ण है?

ग- किस मत के अनुयायी इस वृक्ष की पूजा करते हैं?

ग- 'मनोरम' शब्द का अर्थ बताएं।

घ- इनमें से चार संधि युक्त शब्दों को चुनकर संधि विच्छेद करें।

## **MATH**

1. On the chart paper, show the solar system with distances of planets from the Sun in the standard notation.
2. On an A4 sheet show the basic laws of exponent with the appropriate examples which satisfy the concerned equations.
3. Do chapters 1 and 2 of the explorer's Quest (discussion done in the class)
4. Answers the following questions in your Maths notebook:-
  - (i) Define rational number and its type.
  - (ii) Compare the properties of rational numbers over subtraction and addition.
  - (iii) What is standard and simplest form of rational numbers?
  - (iv) What is the reciprocal of additive inverse of  $1/x$ ?
  - (v) Represent the given rational numbers on a number line
    - (a)  $-2/3$
    - (b)  $5/7$

## **SCIENCE**

### **SUBJECT - PHYSICS**

Pressure applied by liquid increases with depth as we go deeper inside water. With the help of figure illustrate the complete phenomena on a chart paper.

With the help of attractive figures, illustrate the effects produced by force in our day to day life.

3. Answer the following questions in your physics notebook : -

- (i) Discuss the applications of atmospheric pressure.
- (ii) Write the differences between sliding friction and rolling friction.
- (iii) Discuss the disadvantages of friction in our daily life.
- (iv) Discuss the causes of friction with figures.

### **SUBJECT - CHEMISTRY**

Prepare a project in detail about the properties, composition and uses of polyester on a chart paper.

Plastic is a threat to our existence. Discuss in detail with appropriate figures by using A4 sheet.

Answers the following questions in your chemistry notebook :-

- (i) What is the action of acids on nylon and rayon?
- (ii) Briefly describe the properties of acrylic.
- (iii) What are synthetic fibres ? Why are they popular now?
- (iv) List the advantages of plastics.

### **SUBJECT- BIOLOGY**

Activity-1 : Agricultural Implements

To identify and understand the usage of implements used in the agriculture.

Collect the pictures of various agricultural implements and paste then into your notebook. Write down their usage.

Activity-2

To study the effect of moisture on the germination of seeds

The students will take the gram seeds. Divide the seeds into three sets A, B and C.

b) Put the seeds of set A on the moist cotton.

c) Soak the seeds of Set B in the water overnight and then put on the moist cotton for seed germination.

d) Put the seeds of Set C in the boiling water for sometime then allow it to germinate on the moist cotton.

e) Note the observations and write in your notebook by making following column.

Date

Set up A

Set up B

Set up C

Social Science

- Q1) On a chart paper prepare a timeline on various events in the history of India from the coming of British to the revolt of 1857 with pictures.
- Q2) In your History notebook prepare a dialogue 'Writing' between Siraj-ud Daulah and Robert Clive, discussing the pre-war negotiations, before the Battle of Plassey.
- Q3) Prepare a list of natural resources found in your state and also the resources that the state is deficient in and make a note in your geography copy.
- Q4) Undertake a case study on Japan, researching on various types of resources available/not available there & assessing the natural & man-made calamities found there. Conclude by highlighting how Japan has been able to become a developed country despite lacking in natural resources. Complete the task in your geography copy.
- Q5) Complete worksheet no. 1, 2, 3, 12, 13 & 18 in your SST Creative Learning Sheet.

### **ICT**

- Q1) Design a table BOOK with fields namely: Book No, Book Title, Author.
- Q2) Design another table BOOK ISSUE with the fields namely: Book\_No, Student name, Issue\_Date, Return\_Date also defines the primary key and foreign key in these tables.
- Q3) Create following table in a blank Database the queries as given. Admission Number is Primary Key in table Student. Fields Grade and Marks are Short Number type.

STUDENTS			PERFORMANCE		
ADMISSION NUMBER	STUDENTS_NAME	GRADE	ADMISSION NO	TERM	MARKS
A001	RAVI GUPTA	9	A003	TERM 1	65
A002	ANU SEN	8	A002	TERM 1	88
A003	RAJ SHARMA	8	A003	TERM 2	76
A004	ALKA GUHA	7	A001	TERM 1	92
A005	SAMEER JHA	9	A003	TERM 2	59
A006	RAM RAGHAV	7	A002	TERM 2	23
A007	KAMAL PUROHIT	9	A005	TERM 1	87
A008	SEEMA SINGH	8	A008	TERM 1	60

- 1) Who all are studying in Grade 8?
- 2) How many marks have Grade 9 students secured in Term 1?
- 3) How much has Alka Guha secured in both the terms?
- 4) List the names and Grades of the failures in any term. (Pass percentage is 60).
- 5) List the details of all the students in a. the terms if Grade 7.
- 6) In which terms has Anu Sen got distinction? (Distinction is 75% or above).

### **Q4) EXPLORE**

1. [www.youtube.com/edusoftknowledgeverse](http://www.youtube.com/edusoftknowledgeverse)
2. [www.eduitspl.com](http://www.eduitspl.com)

### **Sanskrit**

- 1) पाठ 1 और पाठ 2 का अभ्यास कार्य पूर्ण करें।
- 2) पांच अव्यय शब्द लिखकर वाक्य बनाएँ।
- 3) विलोम शब्द लिखें-  
श्व, : निकट, : प्रत्यक्ष, : दीर्घ, : आचार्य, : कृष्ण, : कृश :
- 4) संधि विच्छेद करें-  
परमानन्द, : देवर्षि, : अद्यपि, : विद्यालय, : नरेंद्र, : स्वागतम्, : महर्षि, : पावक :

- 5) पर्यायवाची शब्द लिखें-  
धरा, आलय, शारदा, चन्द्रः, छात्रः, सुधा, रवि, नृपः
- 6) अनुच्छेद लिखें – अस्माकं पर्यावरणम्
- 7) शब्दरूप – अस्मद्, युष्मद्, और तत् लिखकर याद करें।
- 8) धातु रूप – गम् 'पांचो लकार में लिखकर याद करें।

**Spelling Box:**

Perfunctory	Stream	Fortification	Fraternity
Nursery	Conscious	Afforestation	Weedicide
Buggy	Whip	Geothermal	Gametogenesis
Brainstorm	Overwhelmed	Subsistence farming	Vermicomposting
Wretched	Perspective	Demographer	Organelles
Brink	Torn	Forensic Scientist	Endoplasmic reticulum
Remorse	War correspondent	Parliamentary	Chemistry
Stutter	Subsidiary Alliance	Franchise	Polymer
Shiver	Orientalism	Federalism	Acrylonitrile
Nightmare	Massacre	Prosecutor	Polymerization
Synthetic fibre	Cisternae	Obtuse	Frequency
Vulcanization	Golgi apparatus	Reflex	Probability
Cell organelles	Rational	Hexagon	Statistics
Mitochondria	Fraction	Reflection	Bar graph
Endoplasmic reticulum	Acute	Geometry	Segment
Polygon	Orthodox	Summoned	Residential
Unprecedented	Cartridges	Juvenile	Tectonic
Magnificence	Federalism	Commission	Excavated
Versailles	Prosecutor	Bauxite	Niagara Falls

**शब्दकोश :**

भविष्य	कलुषित	ऐश्वर्य	संरक्षण
उज्वल	अमृत मंत्र	ऋषि	संरक्षण
ज्योतिर्मय	प्रतिष्ठान	निर्दोष	
निर्णय	सामर्थ्य	भ्रमित	