



## Certificate of Participation

This certificate is awarded to.....AKSHITA MISHRA.....

Class.....07.....Roll no.....KA040407003.....

student of.....GEAR INNOVATIVE INTERNATIONAL SCHOOL.....

.....NO. 175, GEAR ROAD, OFF SARJAPUR & OUTER RING ROAD, DODDAKANNELI.....

.....BENGALURU, KARNATAKA.....

He / She participated in SOF National Science Olympiad conducted during


November 2021 / December 2021 / January 2022 & secured International Rank.....188.....

Regional Rank.....145.....Zonal Rank.....97.....& School Rank.....3.....

He/She is also awarded a Gold Medal of Excellence for Performance Excellence at the School level.

New Delhi | Gurugram  
April, 2022

  
Mahabir Singh  
Founder Director

  
Dr. Narindra Virmani  
Chairman

# SPR

STUDENT PERFORMANCE REPORT  
2021-22

An Indepth Analysis of  
Student's Subject  
Knowledge

School Code: KA0404

Class: 07

Roll No.: KA040407003

Student's Name: AKSHITA MISHRA

School Name : GEAR INNOVATIVE INTERNATIONAL  
SCHOOL  
BENGALURU, KARNATAKA

**Techfest**<sup>TM</sup>  
IIT Bombay



**SOF NATIONAL SCIENCE OLYMPIAD**

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**Dear Parents,**

**STUDENT PERFORMANCE REPORT- SOF NSO – 2021-22**

Congratulations on your child's participation in the **SOF National Science Olympiad** conducted during November, 2021 / December, 2021 / January, 2022. The SOF NSO is conducted annually by SOF, organizer of the World's Biggest Olympiad Exams.

Please find enclosed the Student Performance Report (S.P.R.) of your ward for SOF NSO.

This Performance Report provides the following analysis:

- It details the performance of the student in SOF National Science Olympiad and provides question wise answers given by the student.
- It identifies the "LEARNING GAPS" of the student in Science and shares topics/areas in which the student needs to improve domain knowledge / subject understanding.
- It compares the student's performance with peer group of students to assist in understanding her/his subject knowledge vis-à-vis other students across the school/city/state/globe and identifies topics/areas requiring focussed efforts.
- It traces the performance of the student over the past several years (during which the student has appeared in SOF Olympiads) and highlights progress made versus his/her peer group.

I wish you and your child all the best and pray that you utilize your energies and time in consonance with your mission and achieve academic success.

***With Best Wishes,***  
Mahabir Singh  
Founder Director

**CURRENT YEAR'S PERFORMANCE**

N.S.O. 2021-22

Roll No : KA040407003	REGION : SOUTH
SCHOOL : GEAR INNOVATIVE NAME INTERNATIONAL SCHOOL	ZONE : KARNATAKA ZONE-1
CITY : BENGALURU	COUNTRY : INDIA
STATE : KARNATAKA	

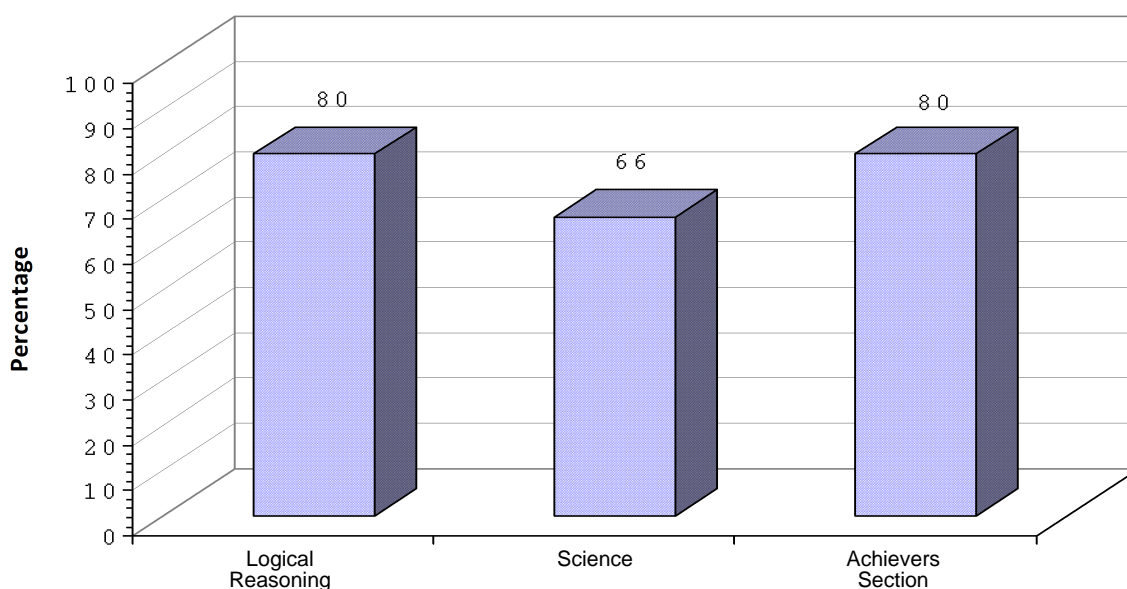
Award Won : Gold Medal of Excellence  
Participation Certificate and Student Performance Report

❖ Maximum Marks :	60
❖ Marks Scored :	43
❖ Percentile Score :	95.50
❖ School Rank :	3
❖ City Rank :	97
❖ Zonal Rank :	97
❖ Regional Rank :	145
❖ International Rank :	188

**MARKS COMPARISON**

❖ Marks Scored by You :	43
❖ Highest Marks Scored in Your Class :	46
❖ Highest Marks Scored in Your City :	57
❖ Highest Marks Scored in Your Zone :	57
❖ Highest Marks Scored in Your Region :	58
❖ Highest Marks Scored Internationally :	59

S.NO.	SECTION NAME	TOTAL MARKS (In Section)	MARKS SCORED (In Section)	PERCENTAGE	GRADE	DESCRIPTION
1.	Logical Reasoning	10	8	80	B+	VERY GOOD
2.	Science	35	23	66	B	GOOD
3.	Achievers Section	15	12	80	B+	VERY GOOD
	Total	60	43	72	B+	VERY GOOD



Percentage	Grade	Description
91-100%	A+	Outstanding
81-90%	A	Excellent
71-80%	B+	Very Good
61-70%	B	Good

Percentage	Grade	Description
51-60%	C+	Fair
41-50%	C	Average
0-40%	D	Needs Improvement

OLIMPIAD				
Q.NO.	QUESTIONS	CORRECT ANSWER	YOUR ANSWER	CORRECT ANSWER %
			CORRECT/WRONG	
SECTION: LOGICAL REASONING				
1	Select the odd one out.	C	✗	21.52
2	Choose the correct water image of the given figure.	B	✓	44.84
3	Find the missing number to complete the given number pattern. 4, 12, 8, 20, 12, ?, 16, 36, 20	B	✓	55.46
4	Three different positions of a cube having six different digits on it are given below. Which number is on the face opposite to the face having number 5?	C	✓	68.20
5	The given question consists of a set of three figures X, Y and Z which shows the folding of a piece of paper. Fig. (Z) shows the manner in which the folded paper has been cut. Select a figure from the options which	D	✓	90.98
6	If it is possible to make a meaningful English word with the first, fourth, fifth and eighth letters of the word HYPOTHESIS, then which of the following will be the third letter of that word? If more than one such word	A	✓	40.97
7	Raj is son of Rani and father of Sahil. If Meena is the mother of Sahil, then how is Meena related to Rani?	C	✓	83.14
8	How many triangles are there in the given figure?	A	✗	16.45
9	Which of the following options will complete the pattern in the given figure?	D	✓	76.95
10	Ahika is standing to the North of Sumit. Priyanka is standing to the East of Ahika. Puneet is to the West of Sumit. What is the position of Puneet with respect to Priyanka?	C	✓	45.15
SECTION: SCIENCE				
11	Alisha, a class VII student suggests the given circuit setup. Her teacher said that this circuit is unsafe because	A	✗	28.80
12	Match the given columns and select the correct answer from the given codes.	D	✓	78.47
13	Match column I with column II and select the correct option from the given codes.	B	✓	34.98
14	Read the given statements and select the option that correctly states them as true (T) and false (F) ones. (i) Food protects us from diseases. (ii) Ingredients of food that we eat comes from plants only. (iii) People living	C	✗	60.20
15	According to the following graph, what happens to the distance covered by the body from 0-10 minutes?	A	✗	14.88
16	What is the error in the following household circuit diagram?	B	✗	37.00
17	The diagram shows three identical light bulbs 1, 2 and 3, connected in a circuit. What will happen to the brightness of the bulbs if a similar bulb is connected in parallel with the bulb 1?	D	✓	35.02
18	Refer to the given Venn diagram. Which of the following cannot be placed at X?	A	✓	30.37
19	Refer to the given figure and select the correct option regarding function of its labelled parts P-S.	C	✓	37.97
20	Refer to the given statements (i)-(iii) and select the option that correctly fills the blanks. (i) _____ is a monocot plant with fibrous root system. (ii) Leaves of banana plant have _____ venation. (iii)	C	✓	42.87
21	Ms. Ruchi, a science teacher demonstrated the effect of methyl orange indicator on the given solutions. Which of the following correctly shows the colour changes observed in all these test tubes?	A	✗	37.37
22	Read the given statements and select the option that correctly identifies them as true (T) and false (F) ones. (i) Boiling point of water is 100°C and freezing point of water is 0°C. (ii) Water in aquifers can be pumped out	A	✓	54.30
23	Four different substances are categorised based on their properties in the given flow chart.	A	✓	73.21
24	Given below is a list of few materials. Which among these are required by plant to prepare food?	C	✓	83.61
25	Shivani made three groups of different types of food items on the basis of nutrient they are rich in. However, she made one mistake in each group. Identify the mistakes and select the correct option regarding	C	✓	60.66

Q.NO.	QUESTIONS	CORRECT ANSWER	YOUR ANSWER	CORRECT ANSWER %
			CORRECT/WRONG	
SECTION: SCIENCE				
26	Study the given figure carefully. Select the correct statement(s) about the solutions given in test tubes I, II and III when various indicators are added to them. (P) I and II change colour of phenolphthalein to pink while	C	✗	25.31
27	Study the given Venn diagram carefully. Centre point 'X' represents	C	✓	51.10
28	Which of the following mixture(s) cannot be separated by using sublimation method?	C	✓	26.45
29	Which of the following is classified correctly?	C	✓	56.04
30	A room is cooled by an air conditioner unit as shown in the figure. At which of the points P, Q, R or S is the temperature at its lowest?	C	✓	40.63
31	Which of the following is an example of induced magnetism?	B	✗	39.19
32	Read the given paragraph where few words are italicised and select the correct statement regarding them. Liver is a greenish yellow gland situated in the upper part of the abdomen on the right side. It secretes bile	B	✓	70.95
33	Given below are two groups of materials used for making various products. What is the basis of grouping of these materials?	C	✓	84.46
34	Select the incorrect match about adaptive features of animals. (i) Fennec fox and elephant – Large ears (ii) Seal and polar bear – Blubber (iii) Monkey and toucan – Prehensile tail (iv) Siberian crane and Arctic tern –	A	✓	48.73
35	Two men are standing in front of a plane mirror as shown. When man A looks into the mirror, how far away from him will man B seem to be?	B	✗	13.06
36	A balloon attached to a hollow glass tube was submerged in a container of water as shown here. Rohan placed his mouth over the open end of the glass tube and blew air into it. He observed that the water level	A	✓	56.68
37	A ray of light R striking a mirror XY is shown in the figure. The mirror XY and PQ make an angle of 120° with each other. What is the angle of reflection at PQ?	C	✗	25.85
38	Refer to the given Venn diagram and select the correct statement regarding X and Y.	A	✓	74.14
39	Select the group which has complete flowers.	D	✓	61.65
40	Read the given paragraph and answer the question that follows. In human beings, four different types of teeth are present. X type of teeth is used for biting and cutting, Y type of teeth is used for crushing and	B	✗	69.02
41	The given table shows the colour change observed in substances X, Y and Z with turmeric and china rose indicators. Identify X, Y and Z.	C	✓	46.80
42	Identify X and Y in the given figures and select the incorrect statement regarding them.	C	✓	31.08
43	Read the given statements and select the option that correctly fills the blanks in any two of them. (i) _____ are the tiny out-growths on the inner surface of small intestine. (ii) Mucus, hydrochloric acid	A	✓	73.71
44	Match the columns and select the correct option.	B	✗	47.68
45	Two boys, X and Y are running along the same path. X is 10 m ahead of Y initially. However, Y catches up with X, after running 60 m. Assuming that both boys are running at a constant speed, what is the ratio of the	B	✗	36.33
SECTION: ACHIEVERS' SECTION				
46	Refer to the given table. Select the option that correctly identifies W-Z.	D	✗	37.76
47	Read the given passage and fill in the blanks with the correct option. Sheep has a thick coat of hair called (i) _____, which is shaved off to get wool. Sheep are mostly reared (ii) _____ in a year. Sheared skin with hair is washed to	D	✓	64.61
48	Read the given paragraph where few words are italicised and select the correct statement regarding them. Penguin's body is white in the front and black on the back. This helps them to mimic. They have short and	B	✓	62.76
49	Study the given figures carefully and fill in the blanks by selecting an appropriate option. A (i) change takes place in figure I and colour of solution changes to (ii) _____. In figure II (iii) reaction occurs and CO2 gas is	D	✓	47.26
50	Annie had set up the experiment as shown in the figure. She found out that the steel nail in set-up P had attracted more iron pins than the steel nail in set-up Q. What could be the reason for this? The batteries	B	✓	51.18

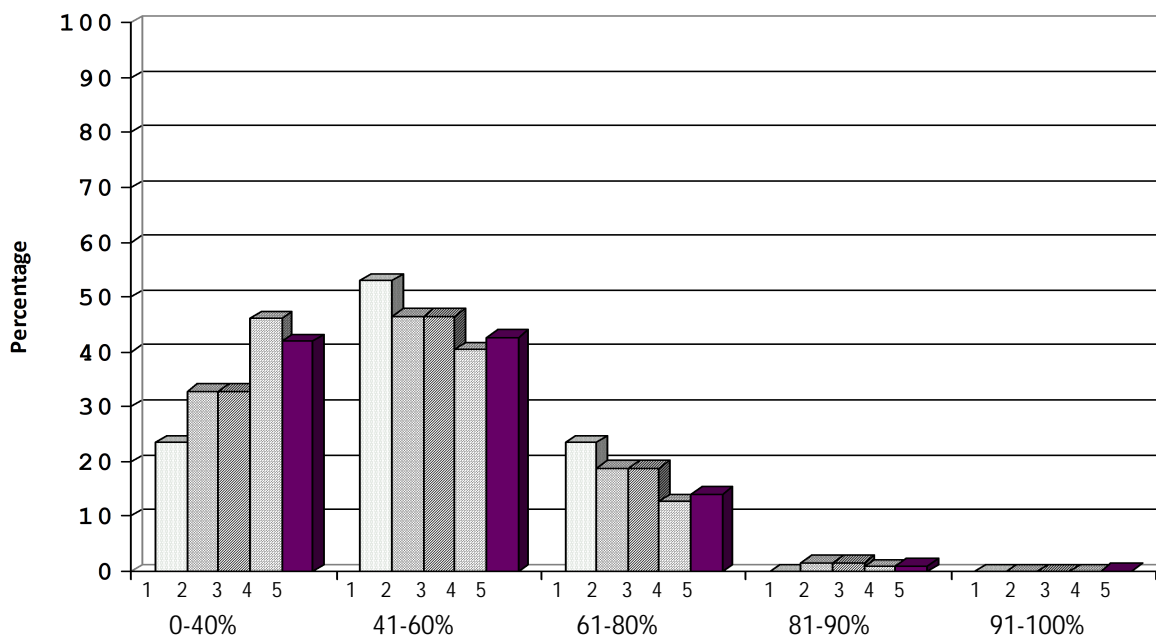
Total Marks: 60 Questions in Achievers section carry three marks each and all other questions carry one mark each.



Maximum Marks	60
Marks Scored	43
Percentage	71.67

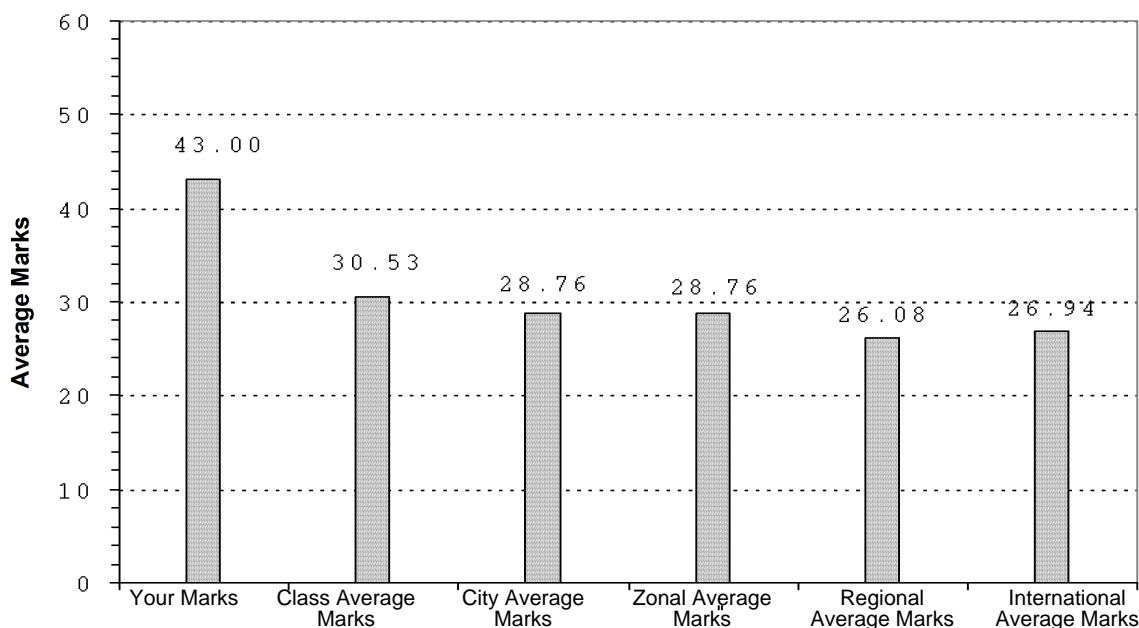
S.NO.	Marks Percentage Break-Up	0-40%	41-60%	61-80%	81-90%	91-100%
1.	% of Student In Your Class	23.53	52.94	23.53	0.00	0.00
2.	% of Student in Your City	32.87	46.59	18.88	1.63	0.03
3.	% of Student in Your Zone	32.87	46.59	18.88	1.63	0.03
4.	% of Student in Your Region	46.11	40.37	12.68	0.81	0.03
5.	% of Student Internationally	42.06	42.73	14.11	1.03	0.08

↓  
You are  
Here



## AVERAGE MARKS ANALYSIS

Description	Average Marks
Your Marks	43.00
Average Marks in Your Class	30.53
Average Marks in Your City	28.76
Average Marks in Your Zonal	28.76
Average Marks in Your Region	26.08
Average Marks Internationally	26.94



## YEAR WISE ANALYSIS

### PAST 10 YEARS PERFORMANCE COMPARISON

Event Name: SOF-NSO (National ScienceOlympiad)

Year	Class	School Rank	City Rank	Zonal Rank	Regional Rank	International Rank
2012-13	Not Participated					
2013-14	Not Participated					
2014-15	Not Participated					
2015-16	Not Participated					
2016-17	Not Participated					
2017-18	03	6	60	63	N.A.	81
2018-19	04	5	74	80	N.A.	118
2019-20	05	2	315	318	N.A.	434
2020-21	06	3	60	60	79	107
2021-22	07	3	97	97	145	188

Data provided is for the Years' in which student appeared in NSO exam & as available in records.

## Science Olympiad Foundation,

a brainchild of leading academicians, scientists and media persons, was set up many years ago with the objectives of promoting interest in and identifying, nurturing and rewarding young talent in different academic subjects. This is set to be achieved through competitive exams, seminars and workshops, etc.

### SOF CONDUCTS THE FOLLOWING SEVEN OLYMPIAD EXAMS:

SOF International General Knowledge Olympiad

SOF International English Olympiad

SOF National Science Olympiad

SOF International Mathematics Olympiad

SOF National Cyber Olympiad

SOF International Social Studies Olympiad

SOF International Commerce Olympiad



SOF has been partnering with leading organizations across the globe to add value to its Olympiad exams. Some of the organizations to have partnered SOF are The British Council, Tata Consultancy Services (TCS), The Ministry of Corporate Affairs through The ICSI, Techfest IIT Bombay, Wipro, LG, EFLU, Star Sports and National University of Singapore, among others.



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KNOWLEDGE OLYMPIAD



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SOF NATIONAL SCIENCE  
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SOF INTERNATIONAL  
MATHEMATICS OLYMPIAD



SOF NATIONAL CYBER  
OLYMPIAD



SOF INTERNATIONAL  
SOCIAL STUDIES OLYMPIAD



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