# STUDENTS CREATE YEAR PLANS, UNIT PLANS, TEST DESIGNS, AND TEST BLUEPRINTS

Students create year plans, unit plans, test designs, and test blueprints every year. They create a unit test, develop the scoring system, and analyze the questions individually. Students in schools take the test, and the results are appropriately interpreted.



OBJECTIVE	KIN	OWLEI	DGE	UNDE	RSTAN	DING	AP	PLICA	TION	
Types of Questions	E	5	0	E	5	0	E	5	0	TOTAL
LI	2(1)	1(1)	-	-	1(1)	3(3)	-	1(1)	2(2)	10
L2	2(1)	1(1)	-	-	1(1)	2(2)	-	1(1)	3(3)	10
*Note :- In					Y = N	5 arks. o. of Qu	- estic	2 ons.	5	20
*Note :- In	the a	bove t	able X	(Y).	X - M Y - N	arks. o. of Qu		ons.	5	
*Note :- In	the a	bove t	able X	(Y).	X - M Y - N	aries. o. of Qu		Per	Æ	
*Note :- In • WEIGHT	the a	to the	able X	(Y).	X = M Y = N	iarics. o. of Qu riks		Per	Centage	

Class :- VI	Subject :- Science	Duration:-30 mins
Board:- <u>State Board</u>	Chapter 16: The Univers	Total :- 20 marks.
Q1. Fill in the blanks		06
1) The colour of stars cha	anges according to their	
<ol><li>Red giant stars are</li></ol>	in colour.	
<ol><li>Is the planet.</li></ol>		
<ol><li>As the soll on Mars co</li></ol>	ntains its colour is re	ddish.
<ol><li>The galaxy that is close</li></ol>	est to our Milky Way is called	
<ol><li>is the satellit</li></ol>	e of the earth.	
Q2. Match the Following	g	04
Column	A Column	B
1. A Comet	A. Venus	
2. Milky Way	B. Pluto	
3. Dwarf Plant	C. Mandakini	
4. Hottest Plane	et D. Long Period	
-		
Q3. Answer in ONE sent		06
<ol> <li>What is the Milky V</li> </ol>		
<ol><li>Which planets have</li></ol>		
<ol> <li>List various types (</li> </ol>	or galaxies? are there in our solar system	-
	ours do the stars radiate?	2
<ol> <li>6) Which are the inner</li> </ol>		
Q4. A. Give Reasons (2)		04
<ol> <li>Moon is a satellite</li> <li>What are the brook</li> </ol>	of the earth. s of comets and on what basis	are they classified?
OR	or comparant on what basis	are droy classified?
—		
Q4. B. Answer in Brief		
<ol> <li>Differentiate between the bet</li></ol>	een Stars and Planets? (Any 4	points of difference)
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	Answer Key o	f Class Test				
Class:- VI	Subject :- Se	cience	Duration:-30	mins		
Board:- State Board	Chapter 16: T	he Universe	Total :- 20 ma	irks.		
Q1. Fill in the Blanks				06		
<ol> <li>The colour of sta</li> </ol>	irs changes according	g to their <u>tempe</u>	rature.			
<ol><li>Red giant stars a</li></ol>	re <u>red</u> in colour.					
<ol><li>Mercury is the f</li></ol>	astest moving planet	£				
<ol><li>As the soll on M</li></ol>	ars contains <u>iron</u> its	colour is reddisi	h			
	s closest to our Milky		ndromeda.			
<ol><li>The <u>Moon</u> is the</li></ol>	satellite of the earth	L				
				04		
Q2. Match the followi: Column A	Column B	A.	swer	1		
1. A Comet	A. Venus	1.A Comet		1		
2. Milky Way	B. Pluto		- C. Mandakini	1		
3. Dwarf Planet	C. Mandakini	3.Dwarf Planet		1		
4. Hottest Planet	D. Long Period	4.Hottest Plane		1		
				-		
Q3. Answer in ONE se	ntence			06		
1) What is the Milky W						
	Way is the galaxy in	which our solar	system is located.			
<ol> <li>Which planets have Answer-Jupiter, Sat</li> </ol>	urn, Uranus, Neptun		und them			
<ol> <li>List various types of</li> </ol>						
Answer: There are v to their sha	arious galaxies in the pe elliptical,spiral, ir		are based accord	mg		
4) How many planets are there in our solar system? Answer/There are 8 planets in our solar system?						
Answer: There are 8 planets in our solar system.						
5) What different colours do the stars radiate? <u>Answer:</u> The stars radiate different colours such as blue, white, yellow and red.						
	adiate different color	urs such as blue,	white, yellow and	red.		
ZHARTEL, THE SHART						
6) What are the inner (						
	nu, Earth and Mars a	re the inner pla	nets. The crust of a	11		

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# Q4. A:- Give Reasons. 04 1) Moon is a satellite of the earth. Answer: Moon revolves around the earth without independently revolving around the sun. Hence the moon is a satellite of the earth.

What are the types of comets and on what basis are they classified? <u>Answer</u>: 1. Comets are of two types: Long-period comets and short-period comets.
 Classification of comets is based on the time (period) taken by the comets to complete one revolution around the sun.

OR

#### Q4. B:- Answer in brief.

1) What is the difference between stars and planets? Answer:

awer.	
Stars	Planets
<ol> <li>Stars are the celestial bodies which can emit heat and light continuously.</li> </ol>	<ol> <li>The celestial bodies which revolve around the sun in a certain orbit are called planets.</li> </ol>
2. Stars twinkle in the sky.	2. Planets do not twinkle in the sky.
3. They have their own light.	3. They do not have their own light.
4. They are fixed at a point.	4. They revolve around the sun.
5. They are very big in size.	5. Planets are small as compared to

### RESULTS of the TEST

The above prepared test was attempted by 20 students. The marks obtained on the test by the students are as following :

16, 9, 20, 13, 16, 18, 14, 18, 19, 19, 11, 15, 10, 18, 19, 16, 14, 20, 13, 17.

Sr.No	Names of the Students	Marks Obtained	Total Marks
1.	Amisha Patel	16	20
2.	Viniti Andhare	09	20
3.	Akansha Bholr	20	20
4.	Rohit pawar	13	20
5.	Mahesh Patil	16	20
6.	Aryan Singh	18	20
7.	Pratik Shetty	14	20
8.	Primrose Deselva	18	20
9.	Ragini Singh	19	20
10.	Sonali Sawant	19	20
11.	Shweta Singh	11	20
12.	Debashish Sarkar	15	20
13.	Lavanya Patil	10	20
14.	Crystal Dsouza	18	20
15.	Rhea Nage	19	20
16.	Soham Pawar	16	20
17.	Gayatri Desai	14	20
18.	Abhishekh Prajapati	20	20
19.	Swapnali Kale	13	20
20.	Jagdish Gupta	17	20

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Rank	Name of the Student	Marks Obtained	Percentage
1.4	1. Akansha Bhoir	20/20	100%
	<ol><li>Abhishekh Prajapati</li></ol>		
2***	1. Ragini Singh	19/20	95%
	<ol><li>Sonali Sawant</li></ol>		
	3. Rhea Nage		
3rd	1. Aryan Singh	18/20	90%
	2. Primrose Deselva		
	3. Crystal Dsouza		

#### \* Image of the Excel (Answer) sheet connected to the google form :-

	A	0	0	D
	Timestamp	Ernell Address	Scare	Name
2	12/29/2021 10:10:23	amisha9587patek@gmail	19/24	Arrisha Patel
8	12/29/2021 18:38:32	vishsuse chareoffice(3 gri	9724	Viniti Andhare
4	12/29/2021 19:24:32	pewarvibha1213@gmail.	20/24	Aukanoha Bhoir
5	12/30/2021 18:29:43	ak892887799@gmail.com	13/24	Rohit pewer

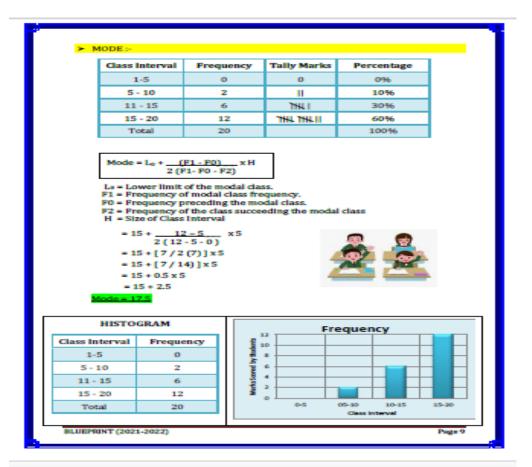
#### ANALYSIS

#### ➤ MEAN >-

Marks obtained by the students (Data) :- 321
Mean of the marks obtained = Sum of all scores
Total number of students



- Mean = 16.05
- MEDIAN :=
- Median of the marks obtained = (N/2)\* Observation Arranging the data in ascending order :-09, 10, 11, 13, 13, 14, 14, 15, 16, 16, 16, 17, 18, 18, 18, 19, 19, 19, 20, 20.
  - N = 20, thus, median = 10% observation



#### REFLECTION

A teacher should know how to prepare and administer tests as part of the A teacher should know how to prepare and administer tests as part of the teaching-learning process. This internship experience allowed me to learn many things relevant to the teaching-learning process, including the concept and importance of blueprints. Learning and understanding this concept proved to be easier than I expected. In reality, the difficult part was preparing the question paper. The process of creating a question paper was challenging and a bit difficult, as I learned to make a question paper that fulfils or is considerate to the needs of students and simultaneously gives equal attention to each lesson. For achieving the desired question paper, I had to redo my Blueprint table and the test paper many times. It was an incredible learning experience for me. I intend to apply what the learned in www.work life. I've learned in my work life.

## CONCLUSION

This study described seven practical steps to construct a blueprint. Despite, being a resource-intensive process, it will provide the utmost benet to both teachers and learners. This is because a well-constructed blueprint is a valuable educational tool that can improve the quality of assessment education, and thus will ensure the highest quality of graduates produced.

#### REFERENCE

- Class 6th Science Textbook, State Board.
- http://iermt.org/wp-content/uploads/2014/06/2.pdf https://bvius.com/maths/mean/#definition https://www.researchgate.net/publication/34056258
- en St Co struct an Assessment Blueprint A Practical Guide
- Mode Formula, Meaning, Example | How to Find Mode? (cuemath.com)

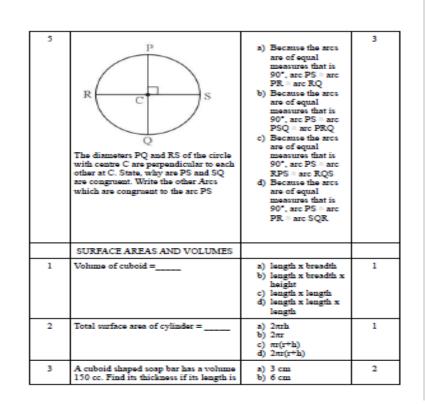
# FORMAT

OBJECTIVE	KNO	WLE	DGE	UNDE	RSTAN	DING	APPI	LICAT	ION	TOTAL
TYPES OF QUESTION	Е	s	0	E	s	0	E	s	0	
CONGRUENCE OF TRIANGLE			1(1)		1(2)		1(3)			0
CIRCLE-CHORDS AND ARCS			1(1)			1(1)	1(3)	1(2)		7
SURFACE AREA AND VOLUME			2(1)		1(2)		1(3)			7
TOTAL			4		4	1	9	2		20

# QUESTION PAPER

SUB:Mat	hematics STD:VIII BOARD:St	ate board MARKS: 2	OM
SR.NO.	QUESTIONS	ANSWER.	MARKS
	CONGRUENCE OF TRIANGLES		
1	Hypotenuse side test is used for	<ul> <li>a) Isosceles Triangles</li> <li>b) Scaleme Triangles</li> <li>c) Acute Angled Triangles</li> <li>d) Right Angled Triangles</li> </ul>	1
2	State the test and correspondence of vertices by which triangles are congruent.	a) AAS, SMA→TOP b) ASA, SMA→TOP c) AAS, SMA→OPT d) ASA, SMA→OPT	2
3	P Q State the test and the one to one correspondence of vertices by which triangles are congruent and remaining congruent parts	<ul> <li>a) SAS, SIDE PQ = SIDE TS, ∠ RPQ = ∠ RTS, ∠ PQR = ∠ TSR</li> <li>b) AAS, SIDE PR = SIDE TS, ∠ RPQ = ∠, ∠ PQR = ∠ STR</li> <li>c) SAS, SIDE PR = SIDE TS, ∠ RPQ = ∠ RTS, ∠ PQR</li> <li>e ∠ STR</li> <li>d) AAS, SIDE PQ = SIDE TS, ∠ RPQ = ∠ STR</li> <li>e ∠ RTS, ∠ PQR = ∠ STR</li> </ul>	3

	CIRCLE-CHORD AND ARC		
2	The segment joining the centre of a circle and midpoint of its chord is to the chord.	a) Equal b) Perpendicular c) Parallel d) intersect	1
3	If the measures of two arcs of circle are same then two arcs are	a) Congruent b) Adjacent c) Opposite d) not equal	1
4	Radius of a circle with centre O is 25 cm. Find the distance of a chord from the centre if length of the chord is 48 cm.	a) 8 CM b) 12 CM c) 7 CM d) 24 CM	2



	Excellent	Good	Fair
Explanation	Audience was attentive and understood the concept.	Student explanation was upto the point.	Student doesn't display clear explanation skill.
Introduction and closure	Opening and closing statement captured the attention.		Student doesn't display clear introduction and closing remark.
Poise	Students displayed relaxed nature	Displayed mild tension.	Nervousness was obvious

Rubric to assess performance in public speaking