

HANSRAJ MODEL SCHOOL
PUNJABI BAGH
CURRICULUM PLAN
SESSION- 2024-25
CLASS-III
SUBJECT- MATHEMATICS

Month	Topic / sub-topics	Learning Intentions (Learning Outcomes + Competencies)	Activities	Assignments
APRIL	<p>Ch-1 NO. UPTO 9999</p> <p>*Indian Place value chart <u>Sub Topics-</u></p> <p>*Indian Place value chart *Number names and numerals *Place and place value *Comparing the numerals. *Expanded form</p>	<p>The learners –</p> <p>*apply the knowledge of place and place value and differentiate between the different places. * understand , read and write the numbers up to 9999. *create the greatest and smallest 4-digit number with the given digits. *compare the numerals and arrange in ascending and descending order. *apply the concept of expanded form, predecessor and successor. * showcase the skills of patience ,team work during the class activity.</p>	<p><u>ART INTEGRATION</u> “PLACE TO EXPAND”</p> <p>The learners will make a working model, using a cardboard and by cutting circles of different sizes. After the activity the learner will be able to write the numerals in the expanded form easily.</p>	<p>*A-1: Printed Tabular Chart: Pg.8 WS-3 Enter Q.2(a to d)</p> <p>A-2: Pg.8 WS-3 Q2 (a to d) Q.3 (a, b, d,)</p> <p>A-3: Pg.9WS-4Q.2(a, b, c)</p> <p>A-4:Pg.10WS-5 Q.(a, b ,c)</p> <p>A-5: worksheet</p>
MAY	<p>CH-2: ADDITION</p>	<p>The learners –</p>	<p>ART INTEGRATION ACTIVITY-</p>	<p>A6: Pg20WS-2Q2 (f) Pg23WS-4Q2(a, b)</p>

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	<p><u>Sub – Topic:</u></p> <p>*Addition with regrouping</p> <p>*Properties of addition</p> <p>*Word stories</p>	<p>* recall the basic mathematical operation Addition without regrouping.</p> <p>* perform the basic 4-digit addition without regrouping.</p> <p>*execute addition with regrouping (4-digit with 4-digit , 4-digit with 3-digit and 2-digit numbers).</p> <p>*understand and apply the “properties of addition”</p> <p>*comprehend and solve the word stories.</p> <p>* implement the knowledge of properties of addition during the class-activity.</p>	<p>“FLOWER PETAL ADDITION ACTIVITY”</p> <p>The learner will draw a beautiful flower having at least 7 petals and write a number of his or her choice in the middle of the flower. it will help the learners to understand the concept of addition and able to recall the addition facts in a fun way.</p>	<p>A7 :Pg.24-25WS-5Q1,2,3</p> <p>A8: CASE- STUDY</p>

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JULY	<p>CH-3 SUBTRACTION Subtraction of 4-digit number from a 4 -digit number.</p> <p><u>Sub – Topic:</u></p> <p>*4-digit subtraction with and without regrouping and checking. *Properties of subtraction *Word stories</p>	<p>The learners</p> <p>*can execute basic 4-digit subtraction, without borrowing .</p> <p>* execute 4-digit subtraction with borrowing.</p> <p>*understand and apply properties of subtraction</p> <p>*comprehend ,classify and solve the word stories.</p> <p>*demonstrate the skills learnt so far through the activity.</p>	<p>Art – Integration: “Addition- Subtraction Butterfly”</p> <p>The learner will draw a beautiful butterfly or paste cut outs of a butterfly in the lab file and will show addition and subtraction on the wings of the butterfly .</p>	<p>A -9 Pg.31 WS-3 Q.2, 3 (without check)</p> <p>A -10: Pg.31 WS-4 Q.5,6 (with check)</p> <p>A -11 Pg.33 WS-6 Q.3,4</p>
JULY - AUGUST	<p>CH- 4: MULTIPLICATION <u>Multiplication is repeated addition.</u></p> <p>Sub-Topics:</p> <p>*Multiplication of 3-digit number by 1 digit and 2-digits. *Properties of multiplication.</p> <p>*Multiplication of numbers by 10,100,1000 and also with multiples of 10. *Story sums</p>	<p>The learners _</p> <p>* understand multiplication as repeated addition.</p> <p>* perform basic multiplication with regrouping.</p> <p>*understand & apply properties of multiplication.</p> <p>*execute oral multiplication by 10, 100,1000.</p> <p>*Oral multiplication by the multiples of 10</p> <p>*Construct basic multiplication sums of 2-digit by 2-digit and 3-digit by 2-digit number & calculate.</p>	<p>Art integration activity</p> <p>Making multiplication Book Mark for learning Multiplication Tables</p> <p>The learner will make bookmarks of different shapes in tricolors and write tables on the bookmark.</p>	<p>A -12 Pg.44WS-6Q3, 4, 9</p> <p>A -13: Pg.45WS-7Q6,7,12</p> <p>A -14: Pg.47WS-8 Q.1,4,5</p>

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		*comprehend and solve word stories		
AUGUST	CH – 8: LENGTH Units used for measuring different things /objects. <u>Sub-Topics:</u> * Units to measure. * Conversion from higher unit to lower unit. * Addition and subtraction *Word Stories	The learners *can understand the concept of different units used in Measurements of Length. *apply the different units in day to day life. *relate and explore the relationship between the different units. *solve the sums of Addition and subtraction by regrouping *analyze and solve the word stories	TABULAR CHART The learner will draw a table and using the knowledge he had gained in the chapter ,will write units used to measure length of different things along with conversion and suitable examples.	A-15: Pg.98 WS-2Q 6,7,8 A-16: Pg99 WS-3 Q1 (a, b) Add A-17: Pg.99 WS-3 Q2(a, b) Subtract A-18: Pg.101WS-4 Q2,3
	CH-12: GEOMETRY <u>2D and 3D Shapes</u> <u>Sub- Topics</u> *Plane and Curved surface *2-D & 3-D shapes. *Properties of solids *Point, line, line segments and ray. *Measuring and construction of line segment.	The learners * differentiate between plane and curved surface *Compare and identify different 2-D and 3-D shape. *Differentiate between point, ray, line and line segment. *Measure , construct and name a line segment. *apply the knowledge to count number of line segments , triangles ,number of squares in the given figure.	PASTING PICTURE OF SOLIDS: The learner will draw or paste the 3-D shapes and will write the number of edges , faces (plane and curved), vertices in a tabular form.	*A-19: Tabular Chart (Printed) Solid Shapes: Guess Who Am I : Properties Of Solid shapes A-20: Def. of Point, Ray, Line, Line segment A-21: Pg.141 WS -5 Q.1 (c, d, e), Q.2 (a, b) A-22: CASE STUDY

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SEPTEMBER	<p>CH – 9: WEIGHT</p> <p>Unit used for measuring various objects.</p> <p>Sub-Topics:</p> <ul style="list-style-type: none"> * Units to measure. * Conversion from higher to lower unit. * Addition & Subtraction (w.o. regrouping) *Word Stories 	<p>The learners –</p> <ul style="list-style-type: none"> *understand the concept of different units used in measurement of weight. *Apply the different units of weight in day to day life. *Explore the relationship between the different units. *solve sums of addition and subtraction by regrouping *analyze and solve the word stories 	<p>ART INTEGRATION - TABULAR CHART – showing the basic concepts of weight</p> <p>The learner will draw or paste pictures of the things that are bought in grams or kilograms</p>	<p>A–1: Pg.104 Q.2,3</p> <p>A - 2: Pg105 Q 1 (a, b) Pg105 Q 2 (a, b)</p> <p>A-3: Pg.107 Q 2,3</p>

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SEPTEMBER	<p>CH-10: CAPACITY</p> <p>Units use for measuring various objects.</p> <p>Sub-Topics:</p> <ul style="list-style-type: none"> * Units to measure. * Conversion from higher unit to lower unit. * Addition and subtraction (without regrouping) *Word Stories 	<p>The learners :</p> <ul style="list-style-type: none"> *understand the concept of measurement of capacity. *Apply the different units of capacity in day to day life. *Explore the relationship between the different units. *solve addition and subtraction by regrouping *analyze and solve the word stories *differentiate and use the different units of measurement (length , weight and capacity) 	<p>ART-INTEGRATION-TABULAR CHART-</p> <p>Showing the basic concept of Capacity & Comparing with Weight & Capacity.</p>	<p>A-4: Pg.109 Q.2, 3, 4</p> <p>A-5: Pg.110 W.S.2 Q 1(c, d), Q.2 (c, d)</p> <p>A-6: Pg112 W.S3. Q 2, 3 Brain Teasers Q7</p>

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OCTOBER	<p>CH-11 : FRACTION</p> <p>Terms used like Numerator, Denominator, Fraction.</p> <p>Sub-Topics:</p> <ul style="list-style-type: none"> *Numerator & Denominator *Ordering of fractions *Addition and subtraction of like fractions *write fractions in words & vice versa *Like fractions 	<p>The learners :</p> <ul style="list-style-type: none"> *understand the concept of fractions with the figures & without the figures. *compare and order like fractions . * add and subtract like fractions. *write fractions in words and vice versa 	<p>ART-ITEGRATION - Fraction – Beautiful bird</p> <p>The learner will create a colourful bird using the cutouts and write the fraction of each colour used to make the bird</p>	<p>A-7: Pg.128 B.T. Q.3 (b, c, e), Q4 (c,d, e)</p> <p>A-8: Pg.122 WS-3 Q.3, 4(a)</p> <p>A-9: W.S.4 Pg- 124 Q2 (d), Q.4(d), Pg.125 W.S.-5 Q1 (e), Q2 (d)</p> <p>A-10: Brain Teasers; Pg127-128 Q.1(d), Q7(e), Q8</p>

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NOVEMBER	<p>CH-5: DIVISION *Division as equal distribution and repeated subtraction.</p> <p>Sub-Topics:</p> <p>*Multiplication & Division Factors</p> <p>*Terms in division</p> <p>*Long division with or without remainder</p> <p>*Properties</p> <p>*Word stories</p>	<p>The learners – *understand Division as equal distribution.</p> <p>*understand Division is same as repeated subtraction.</p> <p>*relate between multiplication and division.</p> <p>*understand the Terms used in division-dividend, divisor, quotient, remainder.</p> <p>*perform long division with or without remainder.</p> <p>*understand and apply the properties of Division</p> <p>*construct basic division sums and calculate.</p> <p>*differentiate and apply between the use of different operations for solving word stories.</p> <p>*comprehend and solve word stories</p>	<p>Division Umbrella</p> <p>The learner will draw an umbrella to explain / remember Dividend, divisor, Quotient, Remainder & Color the Steps Involved in Division</p>	<p>A-11: Pg.52 WS-2 Q5,6</p> <p>A-12: Pg.53WS-3 Q.1,2,3(e), Pg.55 WS-5Q2(f)</p> <p>A-13: Pg.56WS-6 Q.2(h) Pg.57 WS-7 Q.2(h)</p> <p>A-14: Pg.59 WS-8 Q.8 Pg.60 WS-10 Q.6, 9</p> <p>A-15: Pg.61WS-11Q.2,3,4</p>

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DECEMBER	<p>CH-6: DAY, DATE & TIME Calendar & Clock-Reading.</p> <p>Sub Topic: *Units of time</p> <p>*Conversion -day to hours and hours to minutes</p> <p>*Concept of a.m. and p.m.</p>	<p>The learners -</p> <p>*analyze and read calendars.</p> <p>*organize and write dates in different forms.</p> <p>*read and write time showing on clock.</p> <p>*convert days into hours and hours into minutes.</p> <p>*identify time in a.m. And p.m .</p>	<p>ART- INTEGRATION: Making beautiful clock with Emoji as a background.</p>	<p>A-16: Pg.75 WS-4 Q.1 (c, d, e)</p> <p>A-17: Pg.75 WS-4 Q.2 (e, f), Q.3 (c, d)</p>

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JANUARY	<p>CH -7: MONEY Units to count money</p> <p>Sub-Topic :</p> <p>*Conversion from higher unit to lower unit.</p> <p>*Addition and subtraction (without regrouping)</p> <p>*Word Stories</p>	<p>The learners :</p> <p>*understand the concept of Money.</p> <p>*apply the knowledge in daily life .</p> <p>* convert Rupees into Paise or vice versa.</p> <p>*Add and Subtract money by Regrouping</p> <p>*analyze and solve the Word Stories / Problems</p>	<p>ART INTEGRATION :</p> <p>The learner will trace the currency coins of India.</p>	<p>A-18:W.S.1 Pg.82 Q1(e, f, h) Pg.83 Q2 (b, c, d)</p> <p>A-19: W.S.3 Pg.85 Q2,4,5,7 W.S.4 Pg.86 Q1 (b, d, f)</p> <p>A-20: W.S.5 Pg.87 Q1(d) Q2(b, c, d)</p> <p>A-21:W.S.7 Pg 90 Q1(e)</p> <p>A-22: W.S.8 Pg.92 Q2,3,5</p> <p>A-23: CASE -STUDY</p>