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AL AIN JUNIORS ST INDIAN SYSTEM	HOOL			NA	ME OF THE DEPARTME	NT - <u>MATHEMATICS</u>	SYLLABUS BREA	AK UP 2021-22 -AJI						
Name of the S	ubject Te	eacher:- PATCY	JOHNS	ON		Grade:- 7								
MONTH	WEEK	Unit/Section	No of Periods	Topic Break Down / for Periods/Learning objectives / progression	Learning Outcomes/ Skills acquired	Activities (Formative assessment tasks, projects, Visits) INCLUDING VIRTUAL LEARNING	Teaching Aids / Reference/ Resources	Competencies and Values	MY IDENTITY	Cross curricular	Art Integration	Artificial Intelligence	CRITICAL THINKING CRITI QUESTIONS- OBJECTIVE	CAL THINKING QUESTIONS- SUBJECTIVE
			6	1.1 Introduction 1.2 Order & Compare Integers 1.3 Absolute value of Integers 1.4 Addition & Subtraction of Integers	• To Compare integers and order them. •To apply the rule of addition and subtraction of integers to solve them.	Task 1:Activity sheet Recalls Integers. Task 2: Quiz through Quizziz.com to add and subtract integers using the rule.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and	Use of integers in real life found in Al-Ain	In Science(Chemistry) Charge of an atom and Social Studies Weather forecast	Number Line Activity		1.4 Addition & <u>k2hbKgr9N</u> Subtraction of <u>hslf1A?e=7</u>	pint.com/:w:/p/sreedevi_naresh/ETU lv8_wbSJ4vacBPYdV2YJvdktgctoG
		Chapter : 1 INTEGERS (15)	6	1.5 Properties of addition and subtraction of integers 1.6 Multiplication and division of integers 1.7 Properties of multiplication and division of integers	•To apply the rule of multiplication and division of integers. • To verify the properties of addition, subtraction, multiplication and division of integers.	Task 3: Observe and Answer: State true and false statements. Give reason of your answer with examples	Ms office, Ms Forms for Assignments,	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning	Use of integers in weather forecast in UAE – represent in an innovative way.	In Science and Scocial Studies	WARLI ART - A type of painting that it is one of the most intriguing forms of Indian folk painting, Only geometrical	Integer Problem Solving Task Cards with QR Codes		bint.com/:w:/p/sreedevi_naresh/ETU fv8_wbSJ4vacBPYdV2YJvdktgctoG
April	4		6	1.8 Simplification of expressions involving BODMAS rule. 1.9 Solve real life situations involving integers.	• To Simplify expressions involving integers using BODMAS rule. •To apply thebasic operations on integers to solve different real life situations.	Task 4: Solve the given real life situations using the concept of integers.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,	Enrichment - Mathematics and History of UAE.	History - years AC and BC	shapes (lines, triangles, circles) are used for creating the magnificent scenery or to explain numerous concepts.		Simplification of expressions involving BODMAS rule. 1.9 Solve real life situations involving belf142a-7	pint.com/:w:/p/sreedevi_naresh/ETU lv8_wbSJ4vacBPYdV2YJvdktgctoG
		Chapter : 2	5	2.1 Introduction 2.2 Addition and Subtraction of fractions 2.3 Applications of addition and subtraction of fractions 2.4 Multiplication of fractions	 To define types of fractions. To apply the concept of like fractions to order and compare fractions. To apply the basic operations on fractions. 	Task 1: Activity - Students will be asked to make a flow chart on fractions, tpes of fractions and its conversions	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,	* Tour around U.A.E - Routing and	In Cooking Recipes, Science, Languages etc.	Fraction Disc	Ms. Wilson's Wall:	fractions 6RiUVQNt	njuniors- oint.com/:w:/p/sreedevi_naresh/EVz KvbzqkWvQT1kBZkVSTqZEkyNZ0 5g?e=cLa4am
		FRACTIONS (13)	5	2.5 Reciprocal / Multiplicative Inverse of a fraction. 2.6 Division of a fraction 2.7 Real life situations based on basic operations of fractions	 To find the reciprocal of a fraction. To State and apply the concept of reciprocal to divide fractions. To Apply the basic operations on fractions. 	Task 2: Code Breaker Task 3: Puzzle – fun with fractions	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinking, cultural awareness, creativity and innovation, independent learning,	distance, km – m conversion.	Population, Science, Social Studies etc.	Fraction Tangram	Polygons, Fractions, Area, and Perimeter	Multiplicative Inverse of a fraction. 2.6 Division of a fraction 2.7 Real life situations based on basic Mttps://alair my.sharepe 6RiUVQNtt U0EmxEFS	njuniors- pint.com/:w:/p/sreedevi_naresh/EVz KvbzqkWvQT1kBZkVSTqZEkyNZ0 5g?e=cLa4am
			5	3.1 Introduction 3.2 Comparison and ordering of decimals 3.3 Conversion of decimals to fraction and vice versa. 3.4 Multiplication of decimals	To compare and order decimal numbers. To convert decimals to fractions and vice versa. To multiply decimal numbers.	Task 1: Activity - Students will be asked to make a flow chart on decimal number system.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,	Collect the temperatures of 7 emiratesand compare	Science, Social Studies, etc.	Decimal Designs - Decimal circle Art	on basic 3.1 Introducti 3.2 Comparis and ordering decimals 3.3 Conversio decimals to Tokyo - Summer on basic 3.1 Introducti 3.2 Comparis decimals fraction and ordering	3.3 Conversion of https://alair decimals to my.sharepo fraction and vice 6RiUVQNtl	njuniors- pint.com/:w:/p/sreedevi_naresh/EVz KvbzqkWvQT1kBZkVSTqZEkyNZ0 5g?e=cLa4am
May	4	Chapter: 3 DECIMALS (9)	5	3.5 Division of decimals 3.6 Units of measurements 3.7 Conversion of units of measurements. 3.8 Application of real life situation problems	To Divide decimal numbers. To Convert metric units of measurements from greaer units to smaller units. To Solve real life situation problems basd on decimals.	Task 2: Puzzle – fun with decimals.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and	Collect the detail of farms in ALAIN and compare it with total area, represent the data using decimal numbers.	Agriculture, Science etc.		- Problem Solving - Maths - BONUS WORD WALL!	3.5 Division of decimals 3.6 Units of measurements 3.7 Conversion of units of https://alairmy.sharepo	njuniors- pint.com/:w:/p/sreedevi_naresh/ETU lv8_wbSJ4vacBPYdV2YJvdktgctoG

		Chapter: 4 RATIONAL NUMBERS (14)	6	4.1 Introduction 4.2 Rational Numbers on A Number Line 4.3 Rational Numbers In the Standard Form 4.4 Equivalent Rational Numbers 4.5 Comparison of Rational Numbers	• To Represent rational numbers on a number line. • To Represent rational numbers in its standard form. • To Find equivalent rationl numbers. • To Compare and order rational numbers.	Task 1: Activity - Students will be asked to make a flow chart on number system. Task 2: Activity - Comparison and ordering rationl numbers - Abandon Ship	Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for	critical thinking, cultural awareness, creativity and innovation, independent learning, responsibility, self confidence, global and	Represent the population of ABUDHABI emirate as men, women and kids as a rational number.	Science, Social Studies - Geograpy.	Paper Craft	Maze of Word Problems Using Operations with	4.1 Introduction 4.2 Rational Numbers on A Number Line 4.3 Rational Numbers In the Standard Form 4.4 Equivalent Rational Numbers 4.5 Comparison of Rational 4.6 Rational	https://alainjuniors- my.sharepoint.com/:w:/p/sreedevi_naresh/ESe _injmY05PkNGWXm0ZDwEBSWHFmB8OhG _7pDhlop_0lpQ?e=XFgJcf
		NUMBERS (14)	6	4.6 Rational Numbers Between Two Rational Numbers 4.7 Adding, Subtracting, Multiplying and Dividing Rational Numbers 4.8 Rational Numbers as Decimals 4.9 Application problems based on Rational Numbers	basic perations on rational	Task 3: Puzzle – fun with rational numbers. Task 4: Activity - to solve the real life situation problem given.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	critical thinkng, cultural awareness, creativity and innovation, independent learning, responsibility, self confidence, global and environmental	Compare the time zone in UAE and your Mother country. Also compare it with Greenwich Mean Time.	Science, Social Studies - Geograpy.		Rational Numbers	Numbers Between Two Rational Numbers 4.7 Adding, Subtracting, Multiplying and Dividing Rational Numbers 4.8 Rational	https://alainjuniors- my.sharepoint.com/:w:/p/sreedevi_naresh/ESe _injmY05PkNGWXm0ZDwEBSWHFmB8OhG 7pDhlop_0lpQ?e=XFgJcf
			6	9.1 Lines and Angles 9.2 Special Pairs of Angles 9.3 Pairs of Lines	 To Recognise and define pairs of Lines and Angles. To State the properties of pairs of Lines and Angles. 	Task 1: Activity - to find examples from our daily life for pairs of Lines and Angles.	for Assignments,	Competencies: Communication, problem solving, Digital competance, critical thinking, cultural awareness, creativity and innovation, independent learning	Identify pairs of lines and angles from different historical monuments in UAE.	Social Studies - History & Geograpy.	Make a shape poem. Using any basic shape, write a poem around that shape. Incorporate the theme of the shape into the poem		9.1 Lines and Angles 9.2 Special Pairs of Angles 9.3 Pairs of Lines	
June	4	Chapter: 9 LINES AND ANGLES (14)	6	9.4 Transversal 9.5 Propertie of Transversal	• To Recognise and define transversal and angles formed in it. • To State the properties of angles formed in a transversal.	Task 2: Math Lab Activity – Lab activity on Transversal. Task 4: Puzzle - to solve the puzzle using the properties of angles in a transversal.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinking, cultural awareness, creativity and innovation, independent learning, responsibility, self confidence, global and	Identify the transversal - its angles in historical monuments or buildings in UAE.	Social Studies - History & Geograpy.	Movement/Drama: demonstrate with a series of exercises how the body can represent different shapes and figures Ask students to body can represent different shapes and figures.	Autodrew.com		
		Chapter: 11 SYMMETRY (5)	6	11.1 Line Symmetry 11.2 Point Symmetry 11.3 Reflection Symmetry 11.4 Rotational Symmetry 11.5 Figures with both Reflection and Rotational Symmetries	• To Define Rotational	Task 1: Activity - To identify symmetry in nature - examples from	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinking, cultural awareness, creativity and innovation, independent learning, responsibility, self confidence, global and environmental awareness. Values: Respect, integrity, empathy, resilience,	Identify the symmetry in historical monuments or buildings in UAE.	Social Studies - History & Geograpy Biology	Symmetry in nature - create an album by identifying symmetry in nature around you.	Autodrew.com		
July August						SUMMER	VACATION							
		Chapter: 5	6	5.1 Exponents 5.2 Laws of Exponents	To State the meaning of exponential expression. To Identifyexponent and base in an expression. To Convert the given numbers into power notation.	Task 1: Activity - to represent the given number in exponential form and describe it.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinking, cultural awareness, creativity and	Represent the rounded population of 7 emirates in UAE as exponential form.	Science - Physics, Social Studies - Geograpy.		Cross Curricular		
		Chapter: 5 POWERS AND EXPONENTS (9)	6	5.2 Laws of Exponents 5.3 Scientific Notation	• To State and Apply the laws of exponents. • To Express very large and very small numbers using Scientific notation.		Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning.	Represent the rounded population of 7 emirates in UAE in scientific notation.	Science - Physics, Social Studies - Geograpy.	Scientific Notation - Water Colour	Link with Science - Metals and Non metals		

September	5	Chapter: 6 ALGEBRAIC EXPRESSION (12)	6	6.1 Introduction 6.2 Generating Algebraic Expressions 6.3 Types of Algebraic Expressions 6.4 Degree of an Algebraic Expression	• To State the meaning of algebraic expressions • Defie and identify: Constants, coefficients, powers; like and unlike terms in the given algebraic expressions • To Generate algebraic expressios involving one or two variables • To State the degree of the polynomials.	Task 1: Puzzle – fun with expressions. Task 2: Code Breaker Activity – finding the value of the expressions.	PPT, VIDEO Lessons. Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	critical thinkng, cultural awareness, creativity and innovation,	Research on the origin of the word ARAB ALGEBRA (Al Jabr) and the contributions	Science -Biology, Economics etc.	Visually representing the equations with Art.	Personalizing Algebra to Students' Individual Interests
		(12)	6	6.4 Addition of Algebraic Expressions 6.5 Subtraction of Algebraic Expressions 6.6.Value of an Algebraic Expression	To Add and subtract algebraic expressions To Find the value of an algebraic expression by substituting numerical values	Task 2: Math Lab Activity – Addition and Subtraction of expressions.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning	Using the concept of variables, find the numerical values that varies, e.g. Etisalat Billing and Taxi/Bus Fare in UAE	Science -Biology, Economics etc.		
		Chapter: 7 SIMPLE LINEAR EQUATIONS (9)	6	an Equation 7.2 Methods of solving an Equation	•To State the meaning of an equation the term root/solution of an equation with examples •To Solve/frame equations • To verify the equations by substituting their roots. •To Solve problems based on real life situations	Task 1: Puzzles - Frame, solve and verify equations	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and	A farm in AlAin has placed 8 saplings half meter apart find the distance between first and last sapling	Science -Biology, Economics etc.		
		Chapter: 8 COMPARING QUANTITIES	6	8.1 Ratio 8.2 Proportion 8.3 Unitary Method 8.4 Percentage	•To State the meaning of ratio, write the ratio in its simplest form and compare ratios. • To State the meaning of proportion and use it in solving mathematical problems •To Solve mathematical problems using unitory method •To Explain the concept of percentage •To Convert fractions, decimals or ratio into percentages and	Task 2: Conversion of percentatage to ratio and fractions.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning, responsibility, self confidence, global and environmental awareness. Values:	Prepare a grocery bill. Amonut in Dirhams and fills.	Science, Social Studies etc.	Create a Rangoli using the concept ratio, proportion	
October	4	(13)	6	8.4 Percentage 8.5 Profit and Loss 8.6 Simple Interest	•To Find a given percent of a given quantity. •To Express a number as a percnetage of another number. •To Calculate the whole quantity and increase or decrease as percent. •To Apply the concept of percenatage in findind profit, loss and simple interest.	Task 3: Prepare a bill finding profit/Loss.	PPT, VIDEO Lessons Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	critical thinking, cultural awareness, creativity and	VAT amonut also must show in it.	Science, Social Studies etc.	and percentage.	
		Chapter: 10 TRIANGLE AND ITS	6	10.1 Triangle 10.2 Types of Trianlges 10.3 Medians of a Trianlge 10.4 Altitudes of a Trianlge	•To Define a trianlge and explain the elements and terms associated with triangles •To Classify triangles on the basis of the length of their sides and measure of thier interior angles •To State the meaning of medians and altitudes of a traingle.		PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	Digital competance, critical thinkng, cultural awareness, creativity and	Abu Dhabi Zayed Sea port crane needs a length of cable replaced. The length of the arm of the crane is 50 m and the	Social Studies - History & Geograpy Engineering etc.		
		PROPERTIES (12)	6	10.5 Properties of a Traianlge 10.6 Two Special Trianlges 10.7 Pythagoras Theorem	•To State and verify properties related to the sum of interior angles, exterior angles and the length of sides of a trianlge •To State and verify the Pythagoras Theorem and form Pythagorean triplets	Task 2: Math Lab Activity to verify the properties of triangles.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning,	needs to be	Social Studies - History & Geograpy Engineering etc.		

		Chapter: 13 CONGRUENCE OF TRIANGLES (12)	0	13.1 Congruence through Superposition 13.2 Congruence of Simple Geometrical Shapes	•To State the meaning of congruence with the examples from the the things around us •To State and verify the conditions for congruence of simple geometrical figures such as line segments, angles, circles, squares, rectangles and quadrilaterals	Task 1: Math Lab Activity to verify the congruence of simple geometrical shapes.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries. PPT, VIDEO Lessons.	Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning, responsibility, self	Identify the congruence of triangles from different historical monuments in UAE.	Science, English, Social Studies - History & Geograpy Engineering etc.	Create a design using the concept congruence.	Congruence in nature.
	·		6	13.4 Congruence of Triangles 13.5 Congruence criterias of Triangles	•To State and verify conditions for congruence of trianlges •Use the congruency conditions in solving simple problems	Activity to verify the	Ms office, Ms Forms for Assignments, Quizziz and Digital competance, critical thinkng, starters and plenaries. Communication, problem solving, Digital competance, critical thinkng, cultural awareness,	UAE.	Science, English, Social Studies - History & Geograpy Engineering etc.			
November	4	Chapter: 14 PRACTICAL GEOMETRY	6	14.1 Construction of Parallel Lines 14.2 Construction of line bisectors and angle bisectors.	•To Construct a parallel line to from a given point outside it. •To construct line bisectors and angle bisectors using compass.	Task 1: Math Lab Activity to construct parallel lines and angle bisectors.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning.	Use the Autodrew tool to construct a model of Alain	Engineering	Art in Construction	Autodrew.com
		(10)	6	14.2 Construction of Triangles	•To Construct a Trianlge when lenghts of three sides given : SSS criteria, SAS Criteria, ASA criteria, RHS criteria	Task 2: Math Lab Activity to construct triangles using given conditions.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,	city.	Engineering		
		Chapter: 15	6	15.1 Perimeter 15.2 Area	Find the perimeter of different figures Find the area of paths in and around a rectanglar sqare field	Task 1: Puzzle	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and	Create a model of AlAin - Hili Fun	Science, Social Studeies - Geograpghy & History, Engineering, Economics etc.		
December		PERIMETER AND AREA (10)	6	15.3 Area of a parallelogram 15.4 Area of a Trianlge	*Derive the formula for area of parallelogram and triangle. *To calculate thier areas	Task 2: Codebreaker using the formulas.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,	city and find the area and perimeter.	Science, Social Studeies - Geograpghy & History, Engineering, Economics etc.		
						WIN	TER VACATION					
	1st week	Chapter: 15	6	15.5 Circumference of a Circle 15.6 Area of a Circle	*Derive the formula to find the circumference and area of a circle *Calculate the area between two concentric circles	Task 3: Math Lab Activity to derive the formula to calculate the circumference and area of a circle.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and	Create a model of AlAin Bus station	Science, Social Studeies - Geograpghy & History, Engineering, Economics etc.		
	2nd week	PERIMETER AND AREA (10)	6	15.7 Application questions based on area and perimeter	* Use problem solving skills to apply the concept of perimeter and area in real -life situations	Task 4: Real life situation to solve.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,	and find its area and perimeter.	Science, Social Studeies - Geograpghy & History, Engineering, Economics etc.		
January	3rd week		6	16.1 Introduction of Data 16.2 Collection and Organisation of Data 16.3 Frequency Distribution table	Collect the relevant data and state the type of data Organise data using tally marks *Find range of given data	Task 1: Math Lab Activity to create a frequency distribution table.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and	Create a frequency distibution table to make a study on population of 7 emirates of UAE.	Science, Social Studeies - Geograpghy & History, Engineering, Economics etc.		

	4th week	Chapter: 16 DATA HANDLING (16)	6	16.4 Measures of Central Tendency - Mean, Median and Mode 16.5 Bar Graphs and Double Bar Graphs	*Find measures of central tendency - Mean, Median and Mode. *Make bar graph and double bar graph for the given data *Interpret the given bar graph and double bar graph	Task 2: Math Lab Activity to create a double bar grapg.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinkng, cultural awareness, creativity and innovation, independent learning	minimum	Studeies - Geograpghy & History, Engineering,	Sources of Data Data Acquisition Data exploration www.datavizcatalog ue.com	
	1st week		6	16.6 Probability	*State the concept of probability with examples *Find the probability of simple events	Task 3:Puzzle - probability.	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	problem solving, Digital competance, critical thinkng, cultural awareness,		Science, Social Studeies - Geograpghy & History, Engineering, Economics etc.		
February	2nd week	Chapter: 12 VISUALISING SOLID SHAPES (6)	6	of 3-D Shapes 12.3 Nets of Solid Shapes 12.4 Visual Estimation of Solids 12.5 Visualising Solid Shapes 12.6 Drawing Solid Shapes 12.7 Viewing Solids from	*Differentiate between plane and solid shapes *Recognise the faces,edges and vertices of soild shapes *recognise and make nets of soild shapes *Visualise and draw solid shapes on grid paper and isometric dot paper	Task 1: Activity	PPT, VIDEO Lessons, Ms office, Ms Forms for Assignments, Quizziz and Mentimeter for starters and plenaries.	Competencies: Communication, problem solving, Digital competance, critical thinking, cultural awareness, creativity and innovation, independent learning, responsibility, self confidence, global and	Identify and draw the front view, top view and side view of Burj Al Arab.	Engineering		
	3rd week 4th week	REVISION FOR FINAL EXAM	6									
	1st week 2nd week	FINAL EAAWI	6									
March	3rd week					ANNUAL E	EXAMINATION 2020-21					
	4th week]					
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