

TERM	TWO	WEEK	ONE	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		MIXTURES, ELEMENTS AND COMPOUNDS Mixtures Solid-Liquid Homogeneous Mixtures a. Describing solid-liquid homogeneous mixtures. b. Preparing a solid-liquid solution (e.g., saltwater)	- Basic Laboratory Apparatus, equipment and selected specimens - Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
	2		Liquid-Liquid Homogeneous Mixtures a. Explaining liquid-liquid homogeneous mixtures. b. Identifying examples like alcohol in water	- Basic Laboratory Apparatus, equipment and selected specimens - Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
	3		Gas-Gas Homogeneous Mixtures a. Discussing gas-gas homogeneous mixtures (e.g., air composition). b. Identifying gases in air using resources like posters	- Basic Laboratory Apparatus, equipment and selected specimens - Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
	4		Separation Methods: Evaporation a. Defining evaporation as a separation method. b. Performing evaporation to separate a solid from a liquid (e.g., salt from water)	- Basic Laboratory Apparatus, equipment and selected specimens - Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
			Separation Methods: Crystallization a. Defining crystallization as a process of separation. b. Performing crystallization to observe salt crystals forming	- Basic Laboratory Apparatus, equipment and selected specimens - Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	

General comments if any

Head master Date

TERM	TWO	WEEK	TWO	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Separation Methods: Simple Distillation a. Describing the process of simple distillation. b. Demonstrating simple distillation to separate liquid mixtures	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
	2		Separation Methods: Fractional Distillation a. Explaining fractional distillation and its applications. b. Using print/digital resources to research fractional distillation of crude oil	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
	3		Separation Methods: Sublimation a. Defining sublimation and identifying substances that sublimate. b. Perform a sublimation experiment(e.g., iodine)	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
	4		Separation Methods: Solvent Extraction a. Explaining solvent extraction and its use in separation. b. Performing a simple solvent extraction activity (e.g., removing caffeine from tea)	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	
			Separation Methods: Chromatography a. Describing the principles of chromatography. b. Conducting a chromatography experiment (e.g., separating ink colors)	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 - Active Integrated Scie. Gr 7 P.B pg.63-68	

General comments if any.....

Head master Date

TERM	TWO	WEEK	THREE	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Applications of Separation Techniques in Food Processing a. Discussing how separation methods like evaporation are used in food processing (e.g., salt making). b. Exploring case studies of food industries using separation techniques.	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68	
	2		Applications of Separation Techniques in Medicine a. : Identifying the use of separation techniques like chromatography in medicine. b. Analyzing a scenario where medicine production involves separation	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68	
	3		APPLICATIONS OF SEPARATION Techniques in Environmental Conservation a. Discussing the role of separation in water purification. b. Conducting a water filtration activity	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68	
	4		Hands-On Experience: Separating Solid-Liquid Mixtures a. Recapping solid-liquid separation techniques. b. Completing a practical task using evaporation and filtration methods	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68	
	5		Recap and Collaborative Project a. Reviewing key separation techniques and their applications. b. Working in groups to design a simple experiment demonstrating multiple separation methods	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68	

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Head master Date

TERM	TWO	WEEK	FOUR	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Reflection and Real-Life Applications a. Summarizing how separation methods are used in everyday life. b. Reflecting on a journal entry describing what was learned and how it applies to daily activities	• Basic Laboratory Apparatus, equipment and selected specimens • Ice, candle wax, water/salty water, Sieve, magnet Active Integrated Scie. Gr 7 T.G pg. 49-54 Active Integrated Scie. Gr 7 P.B pg.63-68	
	2		ACIDS, BASES AND INDICATORS Introduction to Acids and Bases a. Defining acids and bases. b. Identifying common examples of acids and bases in daily life	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
	3		Properties of Acids a. Describing the physical properties of acids. b. Identifying acidic substances using examples	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
	4		Properties of Bases a. Describing the physical properties of bases. b. Identifying basic substances using examples	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
			Introduction to Indicators a. Defining acid-base indicators. b. Classifying substances based on their reaction to litmus paper	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	

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TERM	TWO	WEEK	FIVE	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Using Litmus Paper a. Explaining the purpose of litmus paper. b. Testing household solutions using litmus paper to classify them	- universal indicator, pH scale and pH chart - antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
	2		Acid-Base Indicators from Plants a. Understanding how plant extracts can act as indicators. b. Collecting plant materials and prepare an acid-base indicator	- universal indicator, pH scale and pH chart - antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
	3		Testing with Plant Indicators a. Explaining how plant-based indicators detect acids and bases. b. Using plant indicators to classify household solutions	- universal indicator, pH scale and pH chart - antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
	4		Classification of Acids and Bases a. Classifying substances based on their pH value. b. Using indicators to differentiate acids and bases	- universal indicator, pH scale and pH chart - antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	
	5		Safe Disposal of Laboratory Waste a. Identifying safe practices for disposing of waste after acid-base tests. b. Following correct waste disposal procedures.	- universal indicator, pH scale and pH chart - antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77Active Integrated Scie. Gr 7 P.B pg.87-95	

General comments if any.....

Head master Date

TERM	TWO	WEEK	SIX	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTEGRATED SCIENCE 7	1		Acidic Solutions in Daily Life a. Identifying common acidic household solutions. b. Grouping solutions based on their acidity	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77 Active Integrated Scie. Gr 7 P.B pg.87-95	
	2		Basic Solutions in Daily Life a. Identifying common basic household solutions. b. Grouping solutions based on their basicity	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77 Active Integrated Scie. Gr 7 P.B pg.87-95	
	3		Investigating Acid Properties a. Identifying the key physical properties of acids. b. Observing and document experiments on acidic behavior	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77 Active Integrated Scie. Gr 7 P.B pg.87-95	
	4		Investigating Base Properties a. Identifying the key physical properties of bases. b. Observing and document experiments on basic behavior	• universal indicator, pH scale and pH chart • antacid tablets, common fruits in the locality, fertilizers, liming of soil, detergents Active Integrated Scie. Gr 7 T.G pg. 71-77 Active Integrated Scie. Gr 7 P.B pg.87-95	
	5		Exploring pH Scale a. Explaining the pH scale and its significance. b. Testing the pH of various solutions and interpret results	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77 Active Inter Scie. Gr 7 P.B pg.87-95	

General comments if any.....

Head master Date.....

TERM	TWO	WEEK	SEVEN	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Applications of Acids in Real Life a. Identifying uses of acids in cooking, cleaning, and industry. b. Researching and reporting on examples of acid use	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
	2		Applications of Bases in Real Life a. Identifying uses of bases in cleaning and manufacturing. b. Researching and reporting on examples of base use	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
	3		Practical Use of Indicators a. Explaining how indicators are used in scientific and industrial settings. b. Applying indicators to test unfamiliar substances	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
	4		Collaborative Experimentation a. Reviewing safe lab practices when working with acids and bases. b. Performing collaborative activities to test substances	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
			Exploring Household Acids a. Identifying acids commonly found in food(e.g., vinegar, citrus fruits). b. Investigating their properties through simple experiments	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	

General comments if any.....

Head master Date.....

TERM	TWO	WEEK	EIGHT	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Exploring Household Bases a. Identifying bases found in household products (e.g., baking soda, soap). b. Analyzing their function in cleaning.	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
	2		Case Study on Acids and Bases a. Summarizing the role of acids and bases in chemical reactions. b. Analyzing a real-life case study on acid base interactions	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
	3		Reflection and Real-Life Connections a. Recapping key lessons on acids, bases, and indicators. b. Reflecting on and presenting learning through group discussion.	• universal indicator, pH scale and pH chart • anti-acid tablets, , fertilizers, liming of soil, detergents Active Inter Scie. Gr 7 T.G pg. 71-77Active Inter Scie. Gr 7 P.B pg.87-95	
	4		LIVINGTHINGSANDTHEIRENVIRONMENT Human reproductive system –parts of male reproductive system and functions - Penis a. identifying parts of the human male reproductive systems, b. Analyzing the functions of the penis in male reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	5		parts of male reproductive system and functions - Penis a. identifying parts of the human male reproductive systems, b. Analyzing the functions of the penis in male reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	

General comments if any.....

Head master Date

TERM	TWO	WEEK	TEN	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARK S
INTGEGRATED SCIENCE 7	1		parts of male reproductive system and functions - testis a. identifying parts of the human male reproductive systems, b. Analyzing the functions of the testis in male reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	2		parts of male reproductive system and functions - testis a. identifying parts of the human male reproductive systems, b. Analyzing the functions of the testis in male reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	3		parts of male reproductive system and functions - Urethra a. identifying parts of the human male reproductive systems, b. Analyzing the functions of the Urethra in male reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	4		parts of male reproductive system and functions - Urethra a. identifying parts of the human male reproductive systems, b. Analyzing the functions of the Urethra in male reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	5		parts of female reproductive system and functions - Vagina a. identifying parts of the human female reproductive systems, b. Analyzing the functions of the vagina in female reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	

General comments if any.....

Head master Date.....

TERM	TWO	WEEK	ELEVEN	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		parts of female reproductive system and functions - Cervix a. identifying parts of the human female reproductive systems, b. Analyzing the functions of the cervix in female reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	2		parts of female reproductive system and functions - Uterus a. identifying parts of the human female reproductive systems, b. Analyzing the functions of the uterus in female reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	3		parts of female reproductive system and functions - Uterus a. identifying parts of the human female reproductive systems, b. Analyzing the functions of the uterus in female reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	4		parts of female reproductive system and functions - Oviduct a. identifying parts of the human female reproductive systems, b. Analyzing the functions of the urethra in female reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	
	5		parts of female reproductive system and functions - Ovaries a. identifying parts of the human female reproductive systems, b. Analyzing the functions of the ovaries in female reproductive system	Resource person, pictures, photos, digital devices Refer to health education learners Book Grade 8	

General comments if any.....

Head master Date.....

TERM	TWO	WEEK	TWELVE	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARKS
INTGEGRATED SCIENCE 7	1		Physical changes that take place in boys a. describing the physical changes that take place in boys during adolescence, b. developing a plan to manage developmental challenges during adolescence	Resource person, pictures, photos, digital devices Spotlight Health Edu. Gr 7 T.G pg. 80-83Spotlight Health Edu. Gr 7 P.B pg.121-127	
	2		Physical changes that take place in boys a. describing the physical changes that take place in boys during adolescence, b. developing a plan to manage developmental challenges during adolescence	Resource person, pictures, photos, digital devices Spotlight Health Edu. Gr 7 T.G pg. 80-83Spotlight Health Edu. Gr 7 P.B pg.121-127	
	3		Physical changes that take place in girls a. describing the physical changes that take place in girls during adolescence, b. developing a plan to manage developmental challenges during adolescence	Resource person, pictures, photos, digital devices Spotlight Health Edu. Gr 7 T.G pg. 80-83Spotlight Health Edu. Gr 7 P.B pg.121-127	
	4		Physical changes that take place in girls a. describing the physical changes that take place in girls during adolescence, b. developing a plan to manage developmental challenges during adolescence	Resource person, pictures, photos, digital devices Spotlight Health Edu. Gr 7 T.G pg. 80-83Spotlight Health Edu. Gr 7 P.B pg.121-127	
	5		HUMAN EXCRETORY SYSTEM Components of the excretory system a. identifying the components of the excretory system b. Observing pictures of the human excretory system	• Charts • Salts and water Active Integrated Scie. Gr 7 T.G pg. 89-93Active Integrated Scie. Gr 7 P.B pg.110-113	

General comments if any.....

Head master Date

TERM	TWO	WEEK	THIRTEEN	DATES	MON	TUE	WED	THU	FRI

GRADE & SUBJECT	DAY	PERIOD	STRAND & WORK COVERED	REFERENCE/ MAIN BOOK AND ITS PAGES	REMARK S
INTEGRATED SCIENCE 7	1		Components of the excretory system a. identifying the components of the excretory system b. Observing pictures of the human excretory system	• Charts • Salts and water Active Integrated Scie. Gr 7 T.G pg. 89-93Active Integrated Scie. Gr 7 P.B pg.110-113	
	2		Components of the excretory system a. identifying the components of the excretory system b. Observing pictures of the human excretory system	• Charts • Salts and water Active Integrated Scie. Gr 7 T.G pg. 89-93Active Integrated Scie. Gr 7 P.B pg.110-113	
	3		Parts of the human skin and their functions a. identifying parts of human skin and their functions, b. modeling parts of the human skin	• Charts • Salts and water Active Integrated Scie. Gr 7 T.G pg. 89-93Active Integrated Scie. Gr 7 P.B pg.110-113	
	4		Parts of the human skin and their functions a. identifying parts of human skin and their functions, b. modeling parts of the human skin	• Charts • Salts and water Active Integrated Scie. Gr 7 T.G pg. 89-93Active Integrated Scie. Gr 7 P.B pg.110-113	
	5		Parts of the human skin and their functions a. identifying parts of human skin and their functions, b. Analyzing waste products excreted through the skin.	• Charts • Salts and water Active Integrated Scie. Gr 7 T.G pg. 89-93Active Integrated Scie. Gr 7 P.B pg.110-113	

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