

PRAKATA

Alhamdulillah, Terima kasih kepada rakan-rakan guru dan team sumberpendidikan kerana menyediakan RPT 2024/2025 untuk kegunaan guru-guru di Malaysia.

Muaturun Percuma...

****DILARANG UNTUK MENGAMBIL SEBARANG BENTUK DAN JENIS KEUNTUNGAN DARIPADA PIHAK KAMI DAN WEB INI SAMA ADA SECARA LANGSUNG ATAU TIDAK LANGSUNG.****



UASA	RPH 2024/2025	RPT	PBD
FAIL KOKURIKULUM	GERKO	PANITIA	DSKP
MINIT MESYUARAT	MODUL	SPM	PBPPP
PT3	SKPMg2	FAIL MEJA	PELBAGAI

 **SUMBER PENDIDIKAN**

RPT 2024/2025 SCIENCE YEAR 4 KSSR SEMAKAN

WEEK	CONTENT STANDARD	LEARNING STANDARD	NOTE
WEEK 1 KUMPULAN A 10 Mac – 14 Mac 2024 KUMPULAN B 11 Mac – 15 Mac 2024	1.1 Science Process Skills	1.1.1 Observe by using all the senses involved and tools if necessary to make qualitative observations to explain the phenomena or changes that occur. 1.1.2 Classify by comparing or identifying similarities and differences based on common characteristics. 1.1.3 Measure and use numbers by using appropriate tools and standard units with correct techniques. 1.1.4 Make inferences by stating the initial conclusion or by giving reasonable explanations for the observation made using the information gathered. .	

WEEK 2 KUMPULAN A 17 Mac – 21 Mac 2024 KUMPULAN B 18 Mac – 22 Mac 2024		1.1.5 Predict by making reasonable assumptions about an event or phenomenon based on observations, prior experiences or data. 1.1.6 Communicate by recording information or ideas in suitable forms and presenting them systematically 1.1.7 Use space - time relationship by arranging occurrences of phenomenon or event in a chronological order based on time. 1.1.8 Interpret data by selecting relevant ideas about an object, event or trend found in the data to make an explanation.	
WEEK 3 KUMPULAN A 24 Mac – 28 Mac 2024 KUMPULAN B 25 Mac – 29 Mac 2024		1.1.9 Define operationally by describing an interpretation of a task carried out and observed in a situation according to determined aspects. 1.1.10 Control variables by determining the responding	

		and constant variables after the manipulated variable in the investigation have been determined. 1.1.11 Make a hypothesis by making a general statement that can be tested based on the relationship between the variables in the investigation. 1.1.12 Experiment by using the basic science process skills to collect and interpret data, summarise to prove the hypothesis and write a report.	
WEEK 4 KUMPULAN A 31 Mac – 4 April 2024 KUMPULAN B 1 April – 5 April 2024	2.1 Breathing Process	2.1.1 Identify the organs involved in the breathing process. 2.1.2 Describe the breathing process in terms of air passage and exchange of gases in the lungs through observation by using various media.	
WEEK 5 KUMPULAN A 7 April – 11 April 2024 KUMPULAN B 8 April – 12 April 2024		2.1.3 Differentiate the content of oxygen and carbon dioxide during inhalation and exhalation. 2.1.4 Describe the chest movement during inhalation and exhalation by carrying out activities. 2.1.5 Make generalisation that the rate of breathing depends on the types of activities carried out.	

WEEK 6 KUMPULAN A 14 April – 18 April 2024 KUMPULAN B 15 April – 19 April 2024	2.2 Excretion and Defecation	2.2.1 State the meaning of excretion and defecation. 2.2.2 Identify the organs and products of excretion.	
WEEK 7 KUMPULAN A 21 April – 25 April 2024 KUMPULAN B 22 April – 26 APRIL 2024		2.2.3 Make inferences on the importance to rid products of excretion and defecation. 2.2.4 Explain the observations on human excretion and defecation through written or verbal forms, sketches or ICT in a creative way.	
WEEK 8 KUMPULAN A 28 April – 2 Mei 2024 KUMPULAN B 29 April – 3 Mei 2024	2.3 Humans Respond to Stimuli	2.3.1 State that humans respond when the sensory organs 2.3.2 Explain with examples humans respond to stimuli in daily life. 2.3.3 Make inferences on the importance of human response to stimuli.	
WEEK 9		2.3.4 Explain habits that disrupt the process of human	

KUMPULAN A 5 Mei – 9 Mei 2024 KUMPULAN B 6 Mei – 10 Mei 2024		response to stimuli. 2.3.5 Explain the observations on human response to stimuli through written or verbal forms, sketches or ICT in a creative way.	
WEEK 10 KUMPULAN A 12 Mei – 16 Mei 2024 KUMPULAN B 13 Mei – 17 Mei 2024	3.1 Breathing organs of animals	3.1.1 Identify the breathing organs of animals. 3.1.2 Classify animals according to their breathing organs. 3.1.3 Make generalisation that some animals have more than one breathing organ.	
WEEK 11 19 Mei – 23 Mei 2024 KUMPULAN B 20 Mei – 24 Mei 2024	3.2 Vertebrates	3.2.1 State the meaning of vertebrates and invertebrates. 3.2.2 Give examples of vertebrates and invertebrates.	
KUMPULAN A 26 Mei – 30 Mei 2024 KUMPULAN B 27 Mei – 31 Mei 2024	CUTI PENGGAL 1		

WEEK 12 KUMPULAN A 2 Jun – 6 Jun 2024 KUMPULAN B 3 Jun – 7 Jun 2024		3.2.3 Classify vertebrates based on specific characteristics for mammals, reptiles, amphibians, birds and fish. 3.2.4 Explain the observations about vertebrates through written or verbal forms, sketches or ICT in a creative way.	
WEEK 13 KUMPULAN A 9 Jun – 13 Jun 2024 KUMPULAN B 10 Jun – 14 Jun 2024	4.1 Plants respond to stimuli	4.1.1 State that plants respond to stimuli through 1 observation using various media. 4.1.2 Relate parts of plants that respond to different types of stimuli.	
WEEK 14 KUMPULAN A 16 Jun – 20 Jun 2024 KUMPULAN B 17 Jun – 21 Jun 2024		4.1.3 Conclude that parts of plants respond to stimuli by carrying out investigations.	
WEEK 15 KUMPULAN A	4.2 Photosynthesis	4.2.1 State the meaning of photosynthesis. 4.2.2 List the needs of plants for the process of	

23 Jun – 27 Jun 2024 KUMPULAN B 24 – 28 Jun 2024		photosynthesis.	
WEEK 16 KUMPULAN A 30 Jun – 4 Julai 2024 KUMPULAN B 1 Julai – 5 Julai 2024		4.2.3 photosynthesis through State the products of observations using various media. 4.2.4 Provide reasoning on the importance of photosynthesis for living things. 4.2.5 Explain the observations on photosynthesis through written or verbal forms, sketches or ICT in a creative way.	
WEEK 17 KUMPULAN A 7 Julai – 11 Julai 2024 KUMPULAN B 8 Julai – 12 Julai 2024	5.1 Light Travels In a Straight Line	5.1.1 State that light travels in a straight line by carrying out activities. 5.1.2 Compare and contrast the shadows formed when light	

		is blocked by transparent, translucent and opaque objects by carrying out activities.	
WEEK 18 KUMPULAN A 14 Julai – 18 Julai 2024 KUMPULAN B 15 Julai – 19 Julai 2024		5.1.3 Carry out experiment to determine the factors that affect the size and shape of the shadow. 5.1.4 Explain the observations that light travels in a straight line through written or verbal forms, sketches or ICT in a creative way.	
WEEK 19 KUMPULAN A 21 Julai – 25 Julai 2024 KUMPULAN B 22 Julai – 26 Julai 2024	5.2 Reflection of Light	5.2.1 State that light can be reflected by carrying out activities. 5.2.2 Describe the uses of reflection of light in daily life. 5.2.3 Draw a ray diagram to show the reflection of light from a mirror. 5.2.4 Explain the observations of reflection of light through written or verbal forms, sketches or ICT in a creative way.	
WEEK 20 KUMPULAN A 28 Julai – 1 Ogos 2024 KUMPULAN B	5.3 Refraction of Light	5.3.1 State that light can be refracted, through observation using various media. 5.3.2 Explain through examples that light can be refracted	

29 Julai – 2 Ogos 2024		by carrying out activities. 5.3.3 Describe the formation of rainbow by carrying out activities. 5.3.4 Explain the observations on refraction of light through written or verbal forms, sketches or ICT in a creative way.	
WEEK 21 KUMPULAN A 4 Ogos – 8 Ogos 2024 KUMPULAN B 5 Ogos – 9 Ogos 2024	6.1 Sound	6.1.1 State that sound is produced by vibrations, by carrying out activities. 6.1.2 Describe that sound travels in all directions.	
WEEK 22 KUMPULAN A 11 Ogos – 15 Ogos 2024 KUMPULAN B 12 Ogos – 16 Ogos 2024			
WEEK 23 KUMPULAN A 18 Ogos – 22 Ogos 2024 KUMPULAN B		6.1.3 Give examples of phenomenon that show sound can be reflected in daily life. 6.1.4 Describe the sound that is useful and harmful in daily life.	

19 Ogos – 23 Ogos 2024		6.1.5 Generate ideas to solve problems in reducing sound pollution.	
WEEK 24 KUMPULAN A 25 Ogos – 29 Ogos 2024 KUMPULAN B 26 Ogos – 30 Ogos 2024	7.1 Sources and Forms of Energy	7.1.1 State the meaning of energy. 7.1.2 Describe various sources of energy through observation using various media. 7.1.3 Explain with examples the various forms of energy.	
WEEK 25 KUMPULAN A 1 September – 5 September 2024 KUMPULAN B 2 September – 6 September 2024		7.1.4 Explain through examples the transformation of energy in daily life. 7.1.5 Make generalisation that energy cannot be created or destroyed but can be transformed. 7.1.6 Explain the observations on the sources and forms of energy through written or verbal forms, sketches or ICT in a creative wa	
WEEK 26 KUMPULAN A 8 Sept – 12 Sept 2024	7.2 Renewable and Non-renewable Energy Source	7.2.1 Explain with examples renewable and non-renewable energy sources through observation using various media. 7.2.2 Generate ideas on the importance of using energy wisely.	

KUMPULAN B 9 Sept – 13 Sept 2024		7.2.3 Explain the observations on renewable and non-renewable energy sources through written or verbal forms, sketches or ICT in a creative way.	
KUMPULAN A 15 Sept – 19 Sept 2024 KUMPULAN B 16 Sept – 20 Sept 2024	CUTI PENGGAJAL 2		
WEEK 27 KUMPULAN A 22 Sept – 26 Sept 2024 KUMPULAN B 23 Sept – 27 Sept 2024	8.1 Basic Sources of Materials	8.1.1 Explain through examples the basic sources of materials used to make objects.	
WEEK 28 KUMPULAN A 29 Sept – 2 Oktober 2024 KUMPULAN B 30 Sept – 3 Oktober 2024		8.1.2 Classify objects based on basic sources. 8.1.3 Explain the observations on the basic sources of materials through written or verbal forms, sketches or ICT in a creative way.	

WEEK 29 KUMPULAN A 5 Oktober – 9 Oktober 2024 KUMPULAN B 7 Oktober – 11 Oktober 2024	8.2 Properties of Materials	8.2.1 Describe the properties of materials by carrying out activities. 8.2.2 Create an object by applying the knowledge of properties of materials.	
WEEK 30 KUMPULAN A 13 Oktober – 16 Oktober 2024 KUMPULAN B 14 Oktober – 17 Oktober 2024		8.2.3 Provide reasoning on the types of materials chosen in creating the object. 8.2.4 Explain the observations on the properties of materials through written or verbal forms, sketches or ICT in a creative way..	
WEEK 31 KUMPULAN A 20 Oktober – 24 Oktober 2024 KUMPULAN B 21 Oktober – 25 Oktober 2024	9.1 Gravity of Earth	9.1.1 Describe the gravitational pull of Earth based on observation by carrying out activities. 9.1.2 Make generalisation that all objects on Earth remain in their positions, by carrying out activities. 9.1.3 Explain the observations on gravity of Earth through written or verbal forms, sketches or ICT in a creative way.	

WEEK 32 KUMPULAN A 27 Oktober – 31 Oktober 2024 KUMPULAN B 28 Oktober – 1 November 2024	9.2 Rotation and Revolution of Earth	9.2.1 State that the Earth rotates on its axis and at the same time revolves around the Sun in its orbit. 9.2.2 Describe the rotation and revolution of the Earth in terms of direction and duration by carrying out activities.	
WEEK 33 KUMPULAN A 3 November – 7 November 2024 KUMPULAN B 4 November – 8 November 2024		9.2.3 Describe the effects of the rotation of the Earth on its axis by carrying out activities. 9.2.4 Explain the observations on the rotation and revolution of the Earth through written or verbal forms, sketches or ICT in a creative way.	
WEEK 34 KUMPULAN A 10 November – 14 November 2024 KUMPULAN B 11 November – 15 November 2024	10.1 Lever	10.1.1 Identify the load, fulcrum and force on the lever by carrying out activities.	

WEEK 35 KUMPULAN A 17 November – 21 November 2024 KUMPULAN B 18 November – 22 November 2024		10.1.2 Make generalisation on the relationship between the distance of load from fulcrum with the required force. 10.1.3 Explain the observations about the lever through written or verbal forms, sketches or ICT in a creative way.	
WEEK 36 KUMPULAN A 24 November – 28 November 2024 KUMPULAN B 25 November – 29 November 2024	10.2 Simple Machines and Complex Machines	0.2.1 Explain with examples the types and uses of simple machines by carrying out activities. 10.2.2 Solve problems using two or more simple machines.	
WEEK 37 KUMPULAN A 1 Disember – 5 Disember 2024 KUMPULAN B 2 Disember – 6 Disember 2024		10.2.3 Summarise the meaning of complex machines. 10.2.4 Explain the observations of the simple and complex machines through written or verbal forms, sketches or ICT in a creative way.	
WEEK 38 KUMPULAN A			

8 Desember – 12 Desember 2024 KUMPULAN B 9 Desember – 13 Desember 2024			
WEEK 39 KUMPULAN A 15 Desember – 19 Desember 2024 KUMPULAN B 16 Desember – 20 Desember 2024			
KUMPULAN A 22 Desember – 26 Desember 2024 KUMPULAN B 23 Desember – 27 Desember 2024	CUTI PENGGAL 3		
WEEK 40 KUMPULAN A 29 Desember – 2 Januari 2025			

KUMPULAN B 30 Disember – 3 Januari 2025			
WEEK 41 KUMPULAN A 5 Januari – 9 Januari 2025 KUMPULAN B 6 Januari – 10 Januari 2025			
WEEK 42 KUMPULAN A 12 Januari – 16 Januari 2025 KUMPULAN B 13 Januari – 17 Januari 2025			
WEEK 43 KUMPULAN A 19 Januari – 23 Januari 2025 KUMPULAN B	CUTI AKHIR PERSEKOLAHAN		

20 Januari – 24 Januari 2025			
WEEK 44	CUTI AKHIR		
KUMPULAN A 26 Januari – 30 Januari 2025	PERSEKOLAHAN		
KUMPULAN B 27 Januari – 31 Januari 2025			