**PRAKATA**

Alhamdulilllah, Terima kasih kepada rakan-rakan guru dan team sumberpendidikan kerana menyediakan RPT 2023/2024 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.\*\***

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**RPT 2023/2024 SCIENCE YEAR 5 KSSR**

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| WEEK | CONTENT STANDARD | LEARNING STANDARD | NOTE |
| WEEK 1KUMPULAN A19 March – 23 March 2024KUMPULAN B20 March – 24 March 2024 | 1.1  Science Process Skills  | * + 1. Observe by using all the senses involved and tools if necessary to make qualitative observations to explain phenomenon or changes that occur.
		2. 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 2KUMPULAN A26 March – 30 March 2023KUMPULAN B27 March – 31 March 2023 |  | 1.1.5 Predict by making reasonable assumptions of an event orphenomenon 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 ofphenomenon or event in a chronological order based on time.1.1.8 Interpret data by selecting relevant ideas about anobject, an event or the trend of the data to make an explanation. |  |
| WEEK 3KUMPULAN A2 April – 6 April 2023KUMPULAN B3 April – 7 April 2023 |  | 1.1.9 Define operationally by describing an interpretation of atask carried out and observed in a situation according to determined aspects.1.1.10 Control variables by determining the responding and constantvariables after the manipulated variables in an investigation have been determined.1.1.11 Make a hypothesis by making a general statement that can betested based on the relationship between the variables in an investigation.1.1.12 Carry out experiments by using the basic science process skillsto collect and interpret data, summarise to prove the hypothesis and write a report. |  |
| WEEK 4KUMPULAN A9 April – 13 April 2023KUMPULAN B10 April – 14 April 2023 | 2.1Human Skeletal System | 2.1.1 Describe the function of the main human skeletal system.2.1.2 Identify the bones and position of joints in human skeletalsystem.2.1.3 State the function of joints in human skeletal system.2.1.4 Provide reasoning on the importance of skeletal system to human body.2.1.5 Explain the observations of human skeletal system through written or verbal forms, sketches, ICT in a creative way |  |
| WEEK 5KUMPULAN A16 April – 20 AprilKUMPULAN B17 April – 21 April | 2.2 Human Blood CirculatorySystem | 2.2.1 Describe the function of the main parts involved in huma2.2.2 Sketch the pathways of blood circulation; rich in oxygen andrich in carbon dioxide in human body.2.2.3 Summarise the importance of blood circulatory system inhuman body.2.2.4 Explain the observations of human blood circulatorysystem through written or verbal forms, sketches, ICT in a creative way. |  |
| KUMPULAN A23 April – 27 April 2023KUMPULAN B24 April – 28 April 2023 | **Cuti Pertengahan Penggal 1** |  |  |
| WEEK 6KUMPULAN A30 April – 4 May 2023KUMPULAN B1 May – 5 May 2023 | 2.3 Relationship between theSystems in Human Body | 2.3.1 Explain through examples the relationship between the systems in human body.2.3.2 Provide reasoning on the importance of taking care ofall the systems in human body to function efficiently.2.3.3 Generate ideas ways to protect the systems in humanbody to ensure a healthy life.2.3.4 Explain the observations on the relationship betweensystems in human body through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 7KUMPULAN A7 May – 11 May 2023KUMPULAN B8 May – 12 May 2023 | 3.1 Survival of AnimalSpecies | 3.1.1 State the meaning of survival of the species.3.1.2 Explain with examples the characteristics and specificbehaviours of animals to protect themselves from enemies. |  |
| WEEK 8KUMPULAN A14 May – 18 May 2023KUMPULAN B15 May – 19 May 2023 |  | 3.1.3 Explain with examples the specific behaviours ofanimals to protect themselves from extreme weather.3.1.4 Identify ways animals protect their eggs.3.1.5 Identify ways animals ensure the survival of their youngs. |  |
| WEEK 9KUMPULAN A21 May – 25 May 2023KUMPULAN B22 May – 26 May 2023 | 3.2 Create Animal Model | 3.2.1 Create an imaginary animal model that can protect itself from enemies and extreme weather.3.2.2 Provide reasoning on how specific characteristics of the createdimaginary animal model can protect itself from enemies and extreme weather.3.2.3 Communicate on the specific characteristics of an animal toappreciate God’s creation for ensuring the balance of nature.3.2.4 Explain the observations of the imaginary animal model throughwritten or verbal forms, sketches, ICT in a creative way. |  |
| KUMPULAN A28 May – 1 June 2023KUMPULAN B29 May – 2 June 2023 | **Cuti Penggal 1** |  |  |
| WEEK 10KUMPULAN A4 June – 8 June 2023KUMPULAN B5 June – 9 June 2023 | 3.3 Food Relationship among livingthings | 3.3.1 State the meaning of food chain 3.3.2 Identify producer and consumers in a food chain.3.3.3 Summarise food relationship among living things and the photosynthesis process in term of energy transfer in a food chain3.3.4 State the meaning of food web.3.3.5 Build food webs in various habitats. 3.3.6 Predict the effect on other living things if there are population changes in the food web of ahabitat. |  |
| WEEK 11KUMPULAN A11 June – 15 June 2023KUMPULAN B12 June – 16 June 2023 | 4.1 Survival of Plant Species | 4.1.1 Explain with examples the specific characteristics ofplants to protect themselves from enemies.4.1.2 Explain with examples the specific characteristics ofplants to adapt themselves during climate and seasonal changes.4.1.3 Explain the observations about survival of plantspecies through written or verbal forms, sketches, ICT in a creative way.. |  |
| WEEK 12KUMPULAN A18 – 22 June 2023KUMPULAN B19 – 23 June 2023 | 4.2 Dispersal of Seeds | 4.2.1 State ways plants disperse their seeds or fruits.4.2.2 Relate the ways of dispersal with the characteristics ofseeds or fruits. |  |
| WEEK 13KUMPULAN A25 June – 29 June 2023KUMPULAN B26 June – 30 June 2023 |  | 4.2.3 Predict the way of a seed dispersal based on itscharacteristics.4.2.4 Explain the observations on dispersal of seeds throughwritten or verbal forms, sketches, ICT in a creative way.. |  |
| WEEK 14KUMPULAN A2 July – 6 July 2023KUMPULAN B3 July – 7 July 2023 | 5.1 Sources of Electrical Energy5.2 Series circuit and parallel circuit | 5.1.1 Explain with examples the sources of electrical energy.5.2.1 Identify the arrangement of bulbs in series and parallel in a complete circuit. |  |
| WEEK 15KUMPULAN A9 July – 13 July 2023KUMPULAN B10 July – 14 July 2023 |  | 5.2.2 Sketch the series and parallel circuit diagrams usingsymbols.5.2.3 Compare and contrast the brightness of the bulbs inseries and parallel circuits. |  |
| WEEK 16KUMPULAN A16 July – 20 July 2023KUMPULAN B17 July – 21 July 2023 |  | 5.2.4 Carry out experiments to compare the brightness ofbulbs in series or parallel circuit by changing the number of bulbs.5.2.5 Carry out experiments to compare the brightness ofbulbs in series or parallel circuit by changing the number of dry cells. |  |
| WEEK 17KUMPULAN A23 July – 27 July 2023KUMPULAN B24 July – 28 July 2023 |  | 5.2.6 State the condition of bulbs when a few switches are opened or closed in a series and parallel circuitby carrying out activities. 5.2.7series and parallel circuitsExplain the observations onthrough written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 18KUMPULAN A30 July – 3 August 2023KUMPULAN B31 July – 4 August 2023 | 5.3 Safety precautions inhandling electrical appliances and the conservation of electricity | 5.3.1 Generate ideas on the factors that affect the usage ofelectrical energy by carrying out activities.5.3.2 Explain with examples the effects of mishandlingelectrical appliances. |  |
| WEEK 19KUMPULAN A6 August – 10 August 2023KUMPULAN B7 August – 11 August 2023 |  | 5.3.3 Describe the safety precautions in handlingelectrical appliances5.3.4 Explain the observations on safety precautions in handlingelectrical appliances and the conservation of electricity through written or verbal forms, sketches, ICT in a creative way |  |
| WEEK 20KUMPULAN A13 August – 17 August 2023KUMPULAN B14 August – 18 August 2023 | 6.1 Heat and Temperature | 6.1.1 State the meaning of heat and temperature.6.1.2 Measure temperature using the standard tool and unit with the correct techniques.6.1.3 Use space-time relationship to observe the changes of temperature when ice is heated and determine the freezing point and boiling point of water by carrying out activities. |  |
| WEEK 21KUMPULAN A20 August – 24 August 2023KUMPULAN B21 August – 25 August 2023 |  |  |  |
| KUMPULAN A27 August – 31 August 2023KUMPULAN B28 August – 1 Sept 2023 | **Cuti Penggal 2** |  |  |
| WEEK 22KUMPULAN A3 Sept – 7 Sept 2023KUMPULAN B4 Sept – 8 Sept 2023 |  | 6.1.4 Describe the changes of water temperature when hot water is cooled down to room temperature.6.1.5 Conclude effects on materials when they gain and lose heat by carrying out activities. |  |
| WEEK 23KUMPULAN A10 Sept – 14 Sept 2023KUMPULAN B11 Sept – 15 Sept 2023 |  | . 6.1.6 Provide reasoning on the importance of application ofexpansion and contraction principle of materials in daily life.6.1.7 Explain the observations about heat and water temperaturethrough written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 24KUMPULAN A17 Sept – 21 Sept 2023KUMPULAN B18 Sept – 22 Sept 2023 | 7.1 Rusting Material | 7.1.1 State the characteristics of rusty object.7.1.2 Make generalisation that objects made from iron canrust. |  |
| WEEK 25KUMPULAN A24 Sept – 28 Sept 2023KUMPULAN B25 Sept – 29 Sept 2023 |  | 7.1.3 Carry out experiments to determine the factors thatcause rusting.7.1.4 Describe ways to prevent rusting. |  |
| WEEK 26KUMPULAN A1 Oktober – 5 Oktober 2023KUMPULAN B2 Oktober – 6 Oktober 2023 |  | 7.1.5 Provide reasoning on the importance to prevent rusting.7.1.6 Explain the observations on rusting material through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 27KUMPULAN A8 Oktober – 12 Oktober 2023KUMPULAN B9 Oktober – 13 Oktober 2023 | 8.1 States of Matter | 8.1.1 State that matter exists in the form of solid, liquid and gas.8.1.2 Classify materials or objects based on the states of matter. |  |
| WEEK 28KUMPULAN A15 Oktober – 19 Oktober 2023KUMPULAN B16 Oktober – 20 Oktober 2023 |  | 8.1.3 Characterise properties of solid, liquid and gas bycarrying out activities. |  |
| WEEK 29KUMPULAN A22 Oktober – 26 Oktober 2023KUMPULAN B23 Oktober – 27 Oktober 2023 |  | 8.1.4 Make generalisation that water can exist in three states ofmatter by carrying out activities.8.1.5 Explain the observations on states of matter through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 30KUMPULAN A29 Oktober – 2 November 2023KUMPULAN B30 Oktober – 3 November 2023 | 8.2 Changes in States ofMatter for Water | 8.2.1 Describe the changes in states of matter for water by carrying out activities. |  |
| WEEK 31KUMPULAN A5 November – 9 November 2023KUMPULAN B6 November – 10 November 2023 |  | 8.2.2 Explain with examples the changes in states of matterwhen it gains or loses heat by carrying out activities. |  |
| WEEK 32KUMPULAN A12 November –16 November 2023KUMPULAN B13 November –17 November 2023 |  | 8.2.3 Relate the changes in states of matter for water in the formation of cloud and rain.8.2.4 Explain the observations on changes in states of matter for water through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 33KUMPULAN A19 November – 23 November 2023KUMPULAN B20 November – 24 November 2023 | 9.2 Constellation | 9.2.1 Identify the constellations and their shapes.9.2.2 State the uses of the constellations. |  |
| WEEK 34KUMPULAN A26 November – 30 November 2023KUMPULAN B27 November – 1 December 2023 |  | 9.2.3 Explain the observations of the constellations through written or verbal forms, sketches, ICT in a creative way.. |  |
| WEEK 35KUMPULAN A3 December – 7 December 2023KUMPULAN B4 December – 8 December 2023 | 10.1 Uses of Tools in Life | 10.1.1 State the uses of a tool in surrounding. |  |
| WEEK 36KUMPULAN A10 December – 14 December 2023KUMPULAN B11 December – 15 December 2023 |  | 10.1.2 Explain the simple machines’ functions thatcombine, which enables a tool to function through observations on an actual tool. |  |
| KUMPULAN A17 December – 21 December 2023KUMPULAN B18 December – 22 December 2023 | **Cuti Penggal 3** |  |  |
| KUMPULAN A24 December – 28 December 2023KUMPULAN B25 December – 29 December 2023 | **Cuti Penggal 3** |  |  |
| WEEK 37KUMPULAN A31 December –4 January 2024KUMPULAN B1 January –5 January 2024 |  | 10.1.3 Provide reasoning on the importance of combinationof simple machines to ensure the tool functions well. |  |
| WEEK 38KUMPULAN A7 January – 11 January 2024KUMPULAN B8 January – 12 January 2024 |  | 10.1.4 Generate ideas on the importance of features ininventing sustainable tools.10.1.5 Explain the observations on the uses of tools in daily lifethrough written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 39KUMPULAN A14 January – 18 January 2024KUMPULAN B15 January – 19 January 2024 |  |  |  |
| WEEK 40KUMPULAN A21 January – 25 January 2024KUMPULAN B22 January – 26 January 2024 |  |  |  |
| WEEK 41KUMPULAN A28 January – 1 February 2024KUMPULAN B29 January – 2 February 2024 |  |  |  |
| WEEK 42KUMPULAN A4 February – 8 February 2024KUMPULAN B5 February – 9 February 2024 |  |  |  |