**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.\*\***

**Calendar

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

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| WEEK | CONTENT STANDARD | LEARNING STANDARD | NOTE |
| WEEK 1  KUMPULAN A  19 March – 23 March 2024  KUMPULAN B  20 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 2  KUMPULAN A  26 March – 30 March 2023  KUMPULAN B  27 March – 31 March 2023 |  | 1.1.5 Predict by making reasonable assumptions of 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, an event or the trend of the data to make an explanation. |  |
| WEEK 3  KUMPULAN A  2 April – 6 April 2023  KUMPULAN B  3 April – 7 April 2023 |  | 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 variables in an 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 an investigation.  1.1.12 Carry out experiments 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  9 April – 13 April 2023  KUMPULAN B  10 April – 14 April 2023 | 2.1  Human 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 skeletal  system.  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 5  KUMPULAN A  16 April – 20 April  KUMPULAN B  17 April – 21 April | 2.2 Human Blood Circulatory  System | 2.2.1 Describe the function of the main parts involved in huma  2.2.2 Sketch the pathways of blood circulation; rich in oxygen and  rich in carbon dioxide in human body.  2.2.3 Summarise the importance of blood circulatory system in  human body.  2.2.4 Explain the observations of human blood circulatory  system through written or verbal forms, sketches, ICT in a creative way. |  |
| KUMPULAN A  23 April – 27 April 2023  KUMPULAN B  24 April – 28 April 2023 | **Cuti Pertengahan Penggal 1** |  |  |
| WEEK 6  KUMPULAN A  30 April – 4 May 2023  KUMPULAN B  1 May – 5 May 2023 | 2.3 Relationship between the  Systems 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 of  all the systems in human body to function efficiently.  2.3.3 Generate ideas ways to protect the systems in human  body to ensure a healthy life.  2.3.4 Explain the observations on the relationship between  systems in human body through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 7  KUMPULAN A  7 May – 11 May 2023  KUMPULAN B  8 May – 12 May 2023 | 3.1 Survival of Animal  Species | 3.1.1 State the meaning of survival of the species.  3.1.2 Explain with examples the characteristics and specific  behaviours of animals to protect themselves from enemies. |  |
| WEEK 8  KUMPULAN A  14 May – 18 May 2023  KUMPULAN B  15 May – 19 May 2023 |  | 3.1.3 Explain with examples the specific behaviours of  animals 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 9  KUMPULAN A  21 May – 25 May 2023  KUMPULAN B  22 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 created  imaginary animal model can protect itself from enemies and extreme weather.  3.2.3 Communicate on the specific characteristics of an animal to  appreciate God’s creation for ensuring the balance of nature.  3.2.4 Explain the observations of the imaginary animal model through  written or verbal forms, sketches, ICT in a creative way. |  |
| KUMPULAN A  28 May – 1 June 2023  KUMPULAN B  29 May – 2 June 2023 | **Cuti Penggal 1** |  |  |
| WEEK 10  KUMPULAN A  4 June – 8 June 2023  KUMPULAN B  5 June – 9 June 2023 | 3.3 Food Relationship among living  things | 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 chain  3.3.4 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 a  habitat. |  |
| WEEK 11  KUMPULAN A  11 June – 15 June 2023  KUMPULAN B  12 June – 16 June 2023 | 4.1 Survival of Plant Species | 4.1.1 Explain with examples the specific characteristics of  plants to protect themselves from enemies.  4.1.2 Explain with examples the specific characteristics of  plants to adapt themselves during climate and seasonal changes.  4.1.3 Explain the observations about survival of plant  species through written or verbal forms, sketches, ICT in a creative way.. |  |
| WEEK 12  KUMPULAN A  18 – 22 June 2023  KUMPULAN B  19 – 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 of  seeds or fruits. |  |
| WEEK 13  KUMPULAN A  25 June – 29 June 2023  KUMPULAN B  26 June – 30 June 2023 |  | 4.2.3 Predict the way of a seed dispersal based on its  characteristics.  4.2.4 Explain the observations on dispersal of seeds through  written or verbal forms, sketches, ICT in a creative way.. |  |
| WEEK 14  KUMPULAN A  2 July – 6 July 2023  KUMPULAN B  3 July – 7 July 2023 | 5.1 Sources of Electrical Energy  5.2 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 15  KUMPULAN A  9 July – 13 July 2023  KUMPULAN B  10 July – 14 July 2023 |  | 5.2.2 Sketch the series and parallel circuit diagrams using  symbols.  5.2.3 Compare and contrast the brightness of the bulbs in  series and parallel circuits. |  |
| WEEK 16  KUMPULAN A  16 July – 20 July 2023  KUMPULAN B  17 July – 21 July 2023 |  | 5.2.4 Carry out experiments to compare the brightness of  bulbs in series or parallel circuit by changing the number of bulbs.  5.2.5 Carry out experiments to compare the brightness of  bulbs in series or parallel circuit by changing the number of dry cells. |  |
| WEEK 17  KUMPULAN A  23 July – 27 July 2023  KUMPULAN B  24 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 circuit  by carrying out activities.  5.2.7  series and parallel circuits  Explain the observations on  through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 18  KUMPULAN A  30 July – 3 August 2023  KUMPULAN B  31 July – 4 August 2023 | 5.3 Safety precautions in  handling electrical appliances and the conservation of electricity | 5.3.1 Generate ideas on the factors that affect the usage of  electrical energy by carrying out activities.  5.3.2 Explain with examples the effects of mishandling  electrical appliances. |  |
| WEEK 19  KUMPULAN A  6 August – 10 August 2023  KUMPULAN B  7 August – 11 August 2023 |  | 5.3.3 Describe the safety precautions in handling  electrical appliances  5.3.4 Explain the observations on safety precautions in handling  electrical appliances and the conservation of electricity through written or verbal forms, sketches, ICT in a creative way |  |
| WEEK 20  KUMPULAN A  13 August – 17 August 2023  KUMPULAN B  14 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 21  KUMPULAN A  20 August – 24 August 2023  KUMPULAN B  21 August – 25 August 2023 |  |  |  |
| KUMPULAN A  27 August – 31 August 2023  KUMPULAN B  28 August – 1 Sept 2023 | **Cuti Penggal 2** |  |  |
| WEEK 22  KUMPULAN A  3 Sept – 7 Sept 2023  KUMPULAN B  4 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 23  KUMPULAN A  10 Sept – 14 Sept 2023  KUMPULAN B  11 Sept – 15 Sept 2023 |  | . 6.1.6 Provide reasoning on the importance of application of  expansion and contraction principle of materials in daily life.  6.1.7 Explain the observations about heat and water temperature  through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 24  KUMPULAN A  17 Sept – 21 Sept 2023  KUMPULAN B  18 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 can  rust. |  |
| WEEK 25  KUMPULAN A  24 Sept – 28 Sept 2023  KUMPULAN B  25 Sept – 29 Sept 2023 |  | 7.1.3 Carry out experiments to determine the factors that  cause rusting.  7.1.4 Describe ways to prevent rusting. |  |
| WEEK 26  KUMPULAN A  1 Oktober – 5 Oktober 2023  KUMPULAN B  2 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 27  KUMPULAN A  8 Oktober – 12 Oktober 2023  KUMPULAN B  9 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 28  KUMPULAN A  15 Oktober – 19 Oktober 2023  KUMPULAN B  16 Oktober – 20 Oktober 2023 |  | 8.1.3 Characterise properties of solid, liquid and gas by  carrying out activities. |  |
| WEEK 29  KUMPULAN A  22 Oktober – 26 Oktober 2023  KUMPULAN B  23 Oktober – 27 Oktober 2023 |  | 8.1.4 Make generalisation that water can exist in three states of  matter 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 30  KUMPULAN A  29 Oktober – 2 November 2023  KUMPULAN B  30 Oktober – 3 November 2023 | 8.2 Changes in States of  Matter for Water | 8.2.1 Describe the changes in states of matter for water by carrying out activities. |  |
| WEEK 31  KUMPULAN A  5 November – 9 November 2023  KUMPULAN B  6 November – 10 November 2023 |  | 8.2.2 Explain with examples the changes in states of matter  when it gains or loses heat by carrying out activities. |  |
| WEEK 32  KUMPULAN A  12 November –16 November 2023  KUMPULAN B  13 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 33  KUMPULAN A  19 November – 23 November 2023  KUMPULAN B  20 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 34  KUMPULAN A  26 November – 30 November 2023  KUMPULAN B  27 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 35  KUMPULAN A  3 December – 7 December 2023  KUMPULAN B  4 December – 8 December 2023 | 10.1 Uses of Tools in Life | 10.1.1 State the uses of a tool in surrounding. |  |
| WEEK 36  KUMPULAN A  10 December – 14 December 2023  KUMPULAN B  11 December – 15 December 2023 |  | 10.1.2 Explain the simple machines’ functions that  combine, which enables a tool to function through observations on an actual tool. |  |
| KUMPULAN A  17 December – 21 December 2023  KUMPULAN B  18 December – 22 December 2023 | **Cuti Penggal 3** |  |  |
| KUMPULAN A  24 December – 28 December 2023  KUMPULAN B  25 December – 29 December 2023 | **Cuti Penggal 3** |  |  |
| WEEK 37  KUMPULAN A  31 December –4 January 2024  KUMPULAN B  1 January –5 January 2024 |  | 10.1.3 Provide reasoning on the importance of combination  of simple machines to ensure the tool functions well. |  |
| WEEK 38  KUMPULAN A  7 January – 11 January 2024  KUMPULAN B  8 January – 12 January 2024 |  | 10.1.4 Generate ideas on the importance of features in  inventing sustainable tools.  10.1.5 Explain the observations on the uses of tools in daily life  through written or verbal forms, sketches, ICT in a creative way. |  |
| WEEK 39  KUMPULAN A  14 January – 18 January 2024  KUMPULAN B  15 January – 19 January 2024 |  |  |  |
| WEEK 40  KUMPULAN A  21 January – 25 January 2024  KUMPULAN B  22 January – 26 January 2024 |  |  |  |
| WEEK 41  KUMPULAN A  28 January – 1 February 2024  KUMPULAN B  29 January – 2 February 2024 |  |  |  |
| WEEK 42  KUMPULAN A  4 February – 8 February 2024  KUMPULAN B  5 February – 9 February 2024 |  |  |  |