**PRAKATA**

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

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**RPT 2025 SCIENCE YEAR 5 KSSR**

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| WEEK | CONTENT STANDARD | LEARNING STANDARD | NOTE |
| WEEK 1Kumpulan A16 Februari – 22 Februari 2025Kumpulan B17 Februari – 23 Februari 2025 | 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 A23 Februari – 1 Mac 2025Kumpulan B24 Februari – 2 Mac 2025 |  | 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 Mac – 8 Mac 2025Kumpulan B3 Mac – 9 Mac 2025 |  | 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 Mac – 15 Mac 2025Kumpulan B10 Mac – 16 Mac 2025 | 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 Mac – 22 Mac 2025Kumpulan B17 Mac – 23 Mac 2025 | 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. |  |
| WEEK 6Kumpulan A23 Mac - 29 Mac 2025Kumpulan B24 Mac - 30 Mac 2025 | 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 A30 Mac - 5 April 2025Kumpulan B31 Mac - 6 April 2025 | 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 A6 April – 12 April 2025Kumpulan B7 April – 13 April 2025 |  | 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 A13 April – 19 April 2025Kumpulan B14 April – 20 April 2025 | 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. |  |
| WEEK 10Kumpulan A20 April – 26 April 2025Kumpulan B21 April – 27 April 2025 | 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 A27 April – 3 Mei 2025Kumpulan B28 April – 4 Mei 2025 | 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 A4 Mei – 10 Mei 2025Kumpulan B5 Mei – 11 Mei 2025 | 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 A11 Mei – 17 Mei 2025Kumpulan B12 Mei – 18 Mei 2025 |  | 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 A18 Mei – 24 Mei 2025Kumpulan B19 Mei – 25 Mei 2025 | 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 A25 Mei – 31 Mei 2025Kumpulan B26 Mei – 1 Jun 2025 |  | 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 A8 Jun – 14 Jun 2025Kumpulan B9 Jun – 15 Jun 2025 |  | 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 A15 Jun – 21 Jun 2025Kumpulan B16 Jun – 22 Jun 2025 |  | 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 A22 Jun – 28 Jun 2025Kumpulan B23 Jun – 29 Jun 2025 | 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 A29 Jun – 5 Julai 2025Kumpulan B30 Jun – 6 Julai 2025 |  | 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 A6 Julai - 12 Julai 2025Kumpulan B7 Julai - 13 Julai 2025 | 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 A13 Julai – 19 Julai 2025Kumpulan B14 Julai – 20 Julai 2025 |  |  |  |
| WEEK 22Kumpulan A20 Julai – 26 Julai 2025Kumpulan B21 Julai – 27 Julai 2025 |  | 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 A27 Julai – 2 Ogos 2025Kumpulan B28 Julai – 3 Ogos 2025 |  | . 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 A3 Ogos – 9 Ogos 2025Kumpulan B4 Ogos – 10 Ogos 2025 | 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 A10 Ogos – 16 Ogos 2025Kumpulan B11 Ogos – 17 Ogos 2025 |  | 7.1.3 Carry out experiments to determine the factors thatcause rusting.7.1.4 Describe ways to prevent rusting. |  |
| WEEK 26Kumpulan A17 Ogos – 23 Ogos 2025Kumpulan B18 Ogos – 24 Ogos 2025 |  | 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 A24 Ogos – 30 Ogos 2025Kumpulan B25 Ogos – 31 Ogos 2025 | 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 A31 Ogos – 6 September 2025Kumpulan B1 September – 7 September 2025 |  | 8.1.3 Characterise properties of solid, liquid and gas bycarrying out activities. |  |
| WEEK 29Kumpulan A7 September – 13 September 2025Kumpulan B8 September – 14 September 2025 |  | 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 A21 September – 27 September 2025Kumpulan B22 September – 28 September 2025 | 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 A28 September – 4 Oktober 2025Kumpulan B29 September – 5 Oktober 2025 |  | 8.2.2 Explain with examples the changes in states of matterwhen it gains or loses heat by carrying out activities. |  |
| WEEK 32Kumpulan A5 Oktober - 11 Oktober 2025Kumpulan B6 Oktober - 12 Oktober 2025 |  | 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 A12 Oktober – 18 Oktober 2025Kumpulan B13 Oktober – 19 Oktober 2025 | 9.2 Constellation | 9.2.1 Identify the constellations and their shapes.9.2.2 State the uses of the constellations. |  |
| WEEK 34Kumpulan A19 Oktober – 25 Oktober 2025Kumpulan B20 Oktober – 26 Oktober 2025 |  | 9.2.3 Explain the observations of the constellations through written or verbal forms, sketches, ICT in a creative way.. |  |
| WEEK 35Kumpulan A26 Oktober – 1 November 2025Kumpulan B27 Oktober – 2 November 2025 | 10.1 Uses of Tools in Life | 10.1.1 State the uses of a tool in surrounding. |  |
| WEEK 36Kumpulan A2 November – 8 November 2025Kumpulan B3 November – 9 November 2025 |  | 10.1.2 Explain the simple machines’ functions thatcombine, which enables a tool to function through observations on an actual tool. |  |
| WEEK 37Kumpulan A9 November – 15 November 2025Kumpulan B10 November – 16November 2025 |  | 10.1.3 Provide reasoning on the importance of combinationof simple machines to ensure the tool functions well. |  |
| WEEK 38Kumpulan A16 November – 22 November 2025Kumpulan B17 November – 23 November 2025 |  | 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 A23 November – 29 November 2025Kumpulan B24 November – 30 November 2025 |  |  |  |
| WEEK 40Kumpulan A30 November – 6 Disember 2025Kumpulan B31 November – 7 Disember 2025 |  |  |  |
| WEEK 41Kumpulan A7 Disember - 13 Disember 2025Kumpulan B8 Disember - 14 Disember 2025 |  |  |  |
| WEEK 42Kumpulan A14 Disember – 20 Disember 2025Kumpulan B15 Disember – 21 Disember 2025 |  |  |  |
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