**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.1 |
| **Standard Pembelajaran** | 12.1(i) a, b |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   1. Mengenal unit panjang: (a) milimeter (mm), (b) kilometer (km) |
| **Ringkasan Aktiviti** | ***Kenal unit panjang*** *(Buku teks – Muka surat 165)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid Mengenal unit panjang: (a) milimeter (mm), (b) kilometer (km) 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.1 |
| **Standard Pembelajaran** | 12.1(ii) a |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Menyatakan hubungan melibatkan: (a) sentimeter dan milimeter dan sebaliknya. |
| **Ringkasan Aktiviti** | ***Hubungan sentimeter dengan milimeter*** *(Buku teks – Muka surat 166)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid menyatakan hubungan melibatkan: (a) sentimeter dan milimeter dan sebaliknya. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.1 |
| **Standard Pembelajaran** | 12.1(ii) b |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Menyatakan hubungan melibatkan: (b) kilometer dan meter, dan sebaliknya. |
| **Ringkasan Aktiviti** | ***Hubungan kilometer dengan meter*** *(Buku teks – Muka surat 167)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid menyatakan hubungan melibatkan: (b) kilometer dan meter, dan sebaliknya. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.2 |
| **Standard Pembelajaran** | 12.2(i) |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Mengukur objek dalam unit milimeter. |
| **Ringkasan Aktiviti** | ***Ukur panjang objek*** *(Buku teks – Muka surat 168)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid mengukur objek dalam unit milimeter. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.2 |
| **Standard Pembelajaran** | 12.2(ii) |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Menganggar jarak dalam kilometer. |
| **Ringkasan Aktiviti** | ***Anggarkan jarak*** *(Buku teks – Muka surat 169)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid menganggar jarak dalam kilometer. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.3 |
| **Standard Pembelajaran** | 12.3 (i) a, b |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Menambah hingga tiga ukuran panjang melibatkan: (a) sentimeter dan milimeter (b) kilometer dan meter, tanpa dan dengan penukaran unit. |
| **Ringkasan Aktiviti** | ***Tambah ukuran panjang*** *(Buku teks – Muka surat 171)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid menambah hingga tiga ukuran panjang melibatkan: (a) sentimeter dan milimeter (b) kilometer dan meter, tanpa dan dengan penukaran unit. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.4 |
| **Standard Pembelajaran** | 12.4 (i) a, b |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Menolak hingga dua ukuran panjang daripada satu ukuran panjang melibatkan: (a) sentimeter dan milimeter, (b) kilometer dan meter, tanpa dan dengan penukaran unit. |
| **Ringkasan Aktiviti** | ***Tolak ukuran panjang*** *(Buku teks – Muka surat 174)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid menolak hingga dua ukuran panjang daripada satu ukuran panjang melibatkan: (a) sentimeter dan milimeter, (b) kilometer dan meter, tanpa dan dengan penukaran unit. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.5 |
| **Standard Pembelajaran** | 12.5 (i) a, b |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Mendarab ukuran panjang melibatkan: (a) sentimeter dan milimeter, (b) kilometer dan meter, dengan nombor satu digit tanpa dan dengan penukaran unit. |
| **Ringkasan Aktiviti** | ***Darab ukuran panjang*** *(Buku teks – Muka surat 176)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid mendarab ukuran panjang melibatkan: (a) sentimeter dan milimeter, (b) kilometer dan meter, dengan nombor satu digit tanpa dan dengan penukaran unit. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.6 |
| **Standard Pembelajaran** | 12.6 (i) a, b |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Membahagi panjang melibatkan: (a) sentimeter dan milimeter, (b) kilometer dan meter, dengan nombor satu digit tanpa dan dengan penukaran unit. |
| **Ringkasan Aktiviti** | ***Bahagi ukuran panjang*** *(Buku teks – Muka surat 178)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid membahagi panjang melibatkan: (a) sentimeter dan milimeter, (b) kilometer dan meter, dengan nombor satu digit tanpa dan dengan penukaran unit. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |

**RANCANGAN PENGAJARAN HARIAN (PAK21)**

**MATEMATIK TAHUN 4**

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| **Tarikh** |  | |  |  | | --- | --- | | **Kemahiran Abad ke-21** | | | Berdaya tahan | / | | Mahir berkomunikasi |  | | Pemikir | / | | Kerja sepasukan |  | | Bersifat ingin tahu |  | | Berperinsip |  | | Bermaklumat |  | | Penyayang / Prihatin |  | | Patriotik |  |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran** | | | 5P |  | | Penyelesaian masalah | / | | Pembelajaran berasaskan projek |  | | Pembelajaran kooperatif |  | | Pembelajaran kecergasan pelbagai |  | | Pembelajaran Kontekstual |  | | Pembelajaran Konstruktivisme |  | | Kemahiran Belajar Cara Belajar |  | | Kajian Masa Depan |  | | Pembelajaran Akses Kendiri |  | | Pembelajaran Luar Bilik Darjah |  | | Pembelajaran Masteri |  | | Pendekatan Modular |  | | Pendekatan Berpusatkan Murid | / |  |  |  | | --- | --- | | **Strategi Pengajaran dan Pembelajaran Abad Ke-21** | | | *Round Table* |  | | *Think, Pair, Share* | / | | *Hot seat* |  | | Permainan |  | | *3 stray and 1 stay* |  | | Pembentangan |  | | Main Peranan |  | | *Gallery Walk* |  | | Peta I-Think |  | | Nyanyian |  |  |  |  | | --- | --- | | **Kemahiran Berfikir Aras Tinggi (KBAT)** | | | Mengaplikasi | / | | Menganalisis |  | | Menilai |  | | Mencipta |  |  |  |  | | --- | --- | | **Elemen Merentas Kurikulum**  **(EMK)** | | | Bahasa |  | | Kelestarian Alam Sekitar |  | | Nilai Murni | / | | Sains dan Teknologi |  | | Patriotisme |  | | Kreativiti dan Inovasi |  | | Keusahawanan |  | | Teknologi Maklumat dan Komunikasi (TMK) |  | |
| **Kelas** |  |
| **Masa** |  |
| **Bidang** | Sukatan Dan Geometri |
| **Tajuk** | Panjang |
| **Standard Kandungan** | 12.7 |
| **Standard Pembelajaran** | 12.7 (i) |
| **Objektif Pembelajaran** | Di akhir pengajaran dan pembelajaran, murid akan dapat:-   * + 1. Menyelesaikan masalah harian melibatkan penambahan, penolakan, pendaraban dan pembahagian panjang.. |
| **Ringkasan Aktiviti** | ***Selesaikan masalah*** *(Buku teks – Muka surat 180)*   1. Murid mendengar penerangan guru tentang isi pelajaran dan kaitannya dengan tajuk pelajaran. 2. Murid menyelesaikan masalah harian melibatkan penambahan, penolakan, pendaraban dan pembahagian panjang. 3. Murid melengkapkan latihan yang diberi oleh guru. 4. Murid mendengar guru membuat kesimpulan tentang isi pelajaran. |
| **BBM** | Buku teks, buku aktiviti, buku tulis |
| **Pentaksiran dan Penilaian** | |  |  | | --- | --- | |  | Lembaran kerja | | **/** | Hasil kerja | |  | Pemerhatian | |  | Kuiz | |  | Lisan | |  | Tugasan | |  | Projek | |  |  | |
| **Refleksi** | ***Pada akhir pengajaran;***  ***\_\_\_\_\_\_ murid dapat mencapai objektif yang ditetapkan dan \_\_\_\_\_\_ murid yang tidak mencapai objektif akan diberi bimbingan khas dalam sesi akan datang.*** |
| **Catatan** | ***Aktiviti pengajaran dan pembelajaran ditangguhkan kerana:-***   |  |  | | --- | --- | |  | *Mesyuarat / Kursus* | |  | *Program Sekolah* | |  | *Mengiringi murid keluar* | |  | *Aktiviti luar* | |  | *Cuti Bencana / Cuti Khas* | |  | *Cuti Peristiwa / Cuti Umum* | |  | *Cuti Rehat / Cuti Sakit* | |
| **Ulasan Pentadbir** |  |