

## **AZIMIO LA SOMO LA SAYANSI MUHULA WA I NA II 2025**

**JINA LA MWALIMU** \_\_\_\_\_ **SHULE** \_\_\_\_\_ **DARASA: IV**

### **MAUDHUI**

| <b>UMAHIRI MKUU</b>                   | <b>UMAHIRI MAHUSUSI</b>                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. KUMUDU NADHARIA ZA KISAYANSI       | 1.1 Kuonesha uelewa wa nadharia za kisayansi<br><br>1.2 Kufanya uchunguzi sahili wa kisayansi<br><br>1.3 Kuonesha uelewa wa aina za nishati na matumizi yake |
| 2. KUMUDU STADI ZA AWALI ZA KISAYANSI | 2.1 Kufanya majaribio sahili ya kisayansi                                                                                                                    |
| 3. KUMUDU MATUMIZI YA TEHAMA          | 3.1 Kutumia TEHAMA katika ujifunzaji                                                                                                                         |
| 4. KUBUNI PROGRAMU SAHILI ZA KOMPYUTA | 4.1 Kubuni program sahili za kompyuta                                                                                                                        |

| UMAHIRI MKUU                 | UMAHIRI MAHUSUSI                         | SHUGHULI KUU ZA UJIFUNZAJI                                                                    | SHUGHULI NDOGO ZA UJIFUNZAJI                                                                           | MWEZI                           | WIKI | VIPINDI | MBINU ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UPIMAJI             | REJEA                                               | MAONI |
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| Kumudu nadharia za kisayansi | Kuonesha uelewa wa nadharia za kisayansi | a)Kueleza kanuni za afya (mlo kamili, mazoezi ya mwili na mazingira, alama na taarifa muhimu) | Mwanafunzi Kueleza kanuni za afya (mlo kamili, mazoezi ya mwili na mazingira, alama na taarifa muhimu) | J<br>A<br>N<br>U<br>A<br>R<br>I | 3    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji | TET(2023) Sayansi na teknolojia, darasa la Nne. TET |       |
|                              |                                          | b)kueleza magonjwa makuu ya binadamu (njia za maambukizi visababishi, kudhiti na kujikinga)   | Mwanafunzi kueleza magonjwa makuu ya binadamu (njia za maambukizi visababishi, kudhiti na kujikinga)   |                                 | 4    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |
|                              |                                          | c)Kueleza dhana ya maada (aina na sifa )                                                      | Mwanafunzi Kueleza dhana ya maada (aina na sifa )                                                      |                                 | 5    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |
|                              |                                          |                                                                                               |                                                                                                        | F<br>E<br>B<br>R<br>U<br>A      | 1    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |

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| UMAHIRI MKUU | UMAHIRI MAHUSUSI                      | SHUGHULI KUU ZA UJIFUNZAJI                                                           | SHUGHULI NDOGO ZA UJIFUNZAJI                                                                 | MWEZI                                | WIKI | VIPINDI | MBINU ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UPIMAJI             | REJEA                                               | MAONI |
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|              |                                       |                                                                                      | Mwanafunzi Kueleza dhana ya maada (aina na sifa )                                            | F<br>E<br>B<br>R<br>U<br>A<br>R<br>I | 2    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji | TET(2023) Sayansi na teknolojia, darasa la Nne. TET |       |
|              |                                       |                                                                                      |                                                                                              |                                      | 3    | 5       | Michezo Maswali na majibu          | Kadi Picha Chati                  | Orodha hakiki Dodoso        |                                                     |       |
|              |                                       |                                                                                      |                                                                                              |                                      | 4    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |
|              |                                       | d) Kueleza kitendo cha uunguaji wa vitu (combustion: maana, visababishi, na matokeo) | Mwanafunzi Kueleza kitendo cha uunguaji wa vitu (combustion: maana, visababishi, na matokeo) | M<br>A<br>R<br>C<br>H<br>I           | 1    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |
|              |                                       |                                                                                      |                                                                                              |                                      | 2    | 5       | Nyimbo Michezo                     | Kadi Picha Chati                  | Orodha hakiki               |                                                     |       |
|              |                                       |                                                                                      |                                                                                              |                                      | 3    | 5       | Nyimbo Michezo Maswali na majibu   | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |
|              | Kufanya uchunguzi sahili wa kisayansi | a)Kuchunguza hatua za ukuaji wa wadudu wanaoeneza magonjwa katika mazingira          | Mwanafunzi Kuchunguza hatua za ukuaji wa wadudu wanaoeneza magonjwa katika                   |                                      |      |         |                                    |                                   |                             |                                                     |       |

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|  |  | (mfano: nzi,<br>mende na mbu) | mazingira<br>(mfano: nzi,<br>mende na mbu) |  |  |  |  |  |  |  |  |
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| UMAHIRI MKUU | UMAHIRI MAHUSUSI                                    | SHUGHULI KUU ZA UJIFUNZAJI                                           | SHUGHULI NDOGO ZA UJIFUNZAJI                                                                                    | MWEZI                      | WIKI | VIPINDI | MBINU ZA UJIFUNZAJI NA UFUNDISHAJI    | ZANA ZA UJIFUNZAJI NA UFUNDISHAJI   | ZANA ZA UPIMAJI             | REJEA                                                  | MAONI |  |  |
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|              |                                                     |                                                                      |                                                                                                                 | M<br>A<br>R<br>C<br>H<br>I | 4    | 5       | Onesho mbinu                          | Chati                               | Hojaji                      | TET(2023)<br>Sayansi na teknolojia, darasa la Nne. TET |       |  |  |
|              |                                                     |                                                                      | Mwanafunzi Kuchunguza hatua za ukuaji wa wadudu wanaoeneza magonjwa katika mazingira (mfano: nzi, mende na mbu) | A<br>P<br>R<br>I<br>L      | 1    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                    | Orodha hakiki Dodoso Hojaji |                                                        |       |  |  |
|              |                                                     |                                                                      | MITIHANI NA KUFUNGA SHULE 11/4/2025                                                                             |                            |      |         | 2                                     | MITIHANI NA KUFUNGA SHULE 11/4/2025 |                             |                                                        |       |  |  |
|              |                                                     |                                                                      | LIKIZO FUPI                                                                                                     |                            |      |         | 3                                     | LIKIZO FUPI                         |                             |                                                        |       |  |  |
|              | Kuonesha uelewa wa aina za nishati na matumizi yake | a)Kuelezea aina za nishati (joto, mwanga na sauti ) na matumizi yake | Mwanafunzi Kuelezea aina za nishati (joto, mwanga na sauti ) na matumizi yake                                   |                            | 4    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                    | Orodha hakiki Dodoso Hojaji |                                                        |       |  |  |

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|  |  |  |  |  | 5 | 5 | Nyimbo<br>Onesho<br>mbinu<br>Maswali na<br>majibu | Kadi<br>Picha<br>Chati | Orodha<br>hakiki<br>Dodoso<br>Hojaji |  |  |
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| UMAHIRI MKUU                     | UMAHIRI MAHUSUSI                      | SHUGHULI KUU ZA UJIFUNZAJI                                                    | SHUGHULI NDOGO ZA UJIFUNZAJI                                                           | MWEZI       | WIKI | VIPINDI | MBINU ZA UJIFUNZAJI NA UFUNDISHAJI    | ZANA ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UPIMAJI             | REJEA                                               | MAONI   |
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| Kumudu stadi za awali za nishati | Kufanya majaribio sahili ya kisayansi | a)kufanya majaribio sahili ya kuchunguza hali za maada                        | Mwanafunzi kufanya majaribio sahili ya kuchunguza hali za maada                        | M<br>E<br>I | 1    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji | TET(2023) Sayansi na teknolojia, darasa la Nne. TET |         |
|                                  |                                       |                                                                               |                                                                                        |             | 2    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |         |
|                                  |                                       | b)Kufanya majaribio sahili ya kubaini umuhimu wa hewa katika uunguaji wa vitu | Mwanafunzi Kufanya majaribio sahili ya kubaini umuhimu wa hewa katika uunguaji wa vitu |             | 3    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |         |
|                                  |                                       | MARUDIO                                                                       |                                                                                        |             |      |         |                                       |                                   | 4                           |                                                     | MARUDIO |

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| <b>MITIHANI YA MUHULA WA KWANZA NA KUFUNGA SHULE 6/6/2025</b> |  |  |  | <b>J<br/>U<br/>N</b> | <b>1</b> | <b>MITIHANI YA MUHULA WA KWANZA NA KUFUNGA SHULE 6/6/2025</b> |  |  |  |  |  |
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| UMAHIRI MKUU                            | UMAHIRI MAHUSUSI | SHUGHULI KUU ZA UJIFUNZAJI                                         | SHUGHULI NDOGO ZA UJIFUNZAJI                                                           | MWEZI                            | WIKI         | VIPINDI                                 | MBINU ZA UJIFUNZAJI NA UFUNDISHAJI    | ZANA ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UPIMAJI             | REJEA                                               | MAONI |
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| <b>LIKIZO NDEFU YA MUHULA WA KWANZA</b> |                  |                                                                    |                                                                                        | <b>J<br/>U<br/>N</b>             | <b>2 – 4</b> | <b>LIKIZO NDEFU YA MUHULA WA KWANZA</b> |                                       |                                   |                             |                                                     |       |
|                                         |                  |                                                                    |                                                                                        | <b>J<br/>U<br/>L<br/>A<br/>I</b> | <b>1</b>     |                                         |                                       |                                   |                             |                                                     |       |
|                                         |                  |                                                                    | Mwanafunzi Kufanya majaribio sahili ya kubaini umuhimu wa hewa katika uunguaji wa vitu | <b>J<br/>U<br/>L<br/>A<br/>I</b> | 2            | 5                                       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji | TET(2023) Sayansi na teknolojia, darasa la Nne. TET |       |
|                                         |                  | c)Kufanya majaribio sahili kuhusu nishati ya joto, mwanga na sauti | Mwanafunzi Kufanya majaribio sahili kuhusu nishati ya joto, mwanga na sauti            |                                  | 3            | 5                                       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |
|                                         |                  |                                                                    |                                                                                        |                                  | 4            | 5                                       | Maswali na majibu                     | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                     |       |

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|  |  |  |  |  | 5 | 5 | Maswali na majibu | Kadi Picha Chati | Orodha hakiki Dodoso Hojaji |  |  |
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| UMAHIRI MKUU                      | UMAHIRI MAHUSUSI                  | SHUGHULI KUU ZA UJIFUNZAJI                                                                                                     | SHUGHULI NDOGO ZA UJIFUNZAJI                                                                                                            | MWEZI                           | WIKI | VIPINDI | MBINU ZA UJIFUNZAJI NA UFUNDISHAJI    | ZANA ZA UJIFUNZAJI NA UFUNDISHAJI | ZANA ZA UPIMAJI             | REJEA                                                  | MAONI |
|-----------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------|---------|---------------------------------------|-----------------------------------|-----------------------------|--------------------------------------------------------|-------|
| Kumudu matumizi ya TEHAMA         | Kutumia TEHAMA katika ujifunzaji  | a)Kutumia TEHAMA kuchora na kupangilia maumbo mbalimbali kimantiki                                                             | Mwanafunzi Kutumia TEHAMA kuchora na kupangilia maumbo mbalimbali kimantiki                                                             | A<br>U<br>G<br>U<br>S<br>T<br>I | 1    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji | TET(2023) Sayansi na teknolojia, darasa la Nne.<br>TET |       |
|                                   |                                   |                                                                                                                                |                                                                                                                                         |                                 | 2    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                        |       |
| Kubuni program sahili za kompyuta | Kubuni program sahili za kompyuta | a)Kutumia zana inayoingiza lugha ya kompyuta ( block – based programing languages ) kuunda michezo sahili inayotumia umbo moja | Mwanafunzi Kutumia zana inayoingiza lugha ya kompyuta ( block – based programing languages ) kuunda michezo sahili inayotumia umbo moja |                                 | 3    | 5       | Nyimbo Onesho mbinu Maswali na majibu | Kadi Picha Chati                  | Orodha hakiki Dodoso Hojaji |                                                        |       |

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| <b>MITIHANI NA KUFUNGA SHULE 29/8/2025</b>               |       | 4     | <b>MITIHANI NA KUFUNGA SHULE 29/8/2025</b> |
| <b>LIKIZO FUPI</b>                                       | SEPTM | 1 - 2 | <b>LIKIZO FUPI</b>                         |
| <b>MAANDALIZI NA UPIMAJI WA KITAIFA WA DARASA LA NNE</b> |       |       |                                            |
| <b>LIKIZO YA MWISHO WA MWAKA</b>                         |       |       |                                            |