|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Werkkaart - Elektrostatika en Elektrisiteit

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  | 1  E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | L |  |  |  | 2  R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 3  G | E | L | E | I | E | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | K |  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 4  A | F | S | T | O | T | I | N | G | S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | R |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 5  W | O | L | F | R | A | M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | M |  |  |  | A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | A |  | 6  S |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | G |  | T |  |  |  |  |  |  | 7  I |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 8  A | A | N | T | R | E | K | K | I | N | G | S |  | 9  S |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | E |  | O |  |  |  |  |  |  | O |  | M |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 10  S | O | L | E | N | O | Ï | D | E |  |  | 11  G | L | O | E | I | L | A | M | P |  |  |  |  |
|  |  |  |  |  |  |  |  |  | T |  | M |  |  |  |  |  |  | A |  | L |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | B |  |  |  |  |  |  | T |  | T |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 12  S | T | A | T | I | E | 13  S |  |  | O |  | D |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | A |  |  |  | T |  |  | R |  | R |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 14  W | R | Y | W | I | N | G |  |  | R |  |  |  |  | A |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  |  | A |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 15  R | E | 16  S | I | S | T | O | R |  |  |  | D |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | E |  |  |  | M |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **3.**  'n Materiaal waarlangs 'n elektriese stroom kan vloei  **4.** Voorwerpe met dieselfde ladings ervaar 'n \_\_\_\_\_\_\_\_\_\_\_ krag  **5.**  Hoë weerstand draad gebruik in gloeilampe  **8.** Voorwerpe met teenoorgesteld ladings ervaar 'n \_\_\_\_\_\_\_\_\_\_\_ krag  **10.**  'n Spoel draad wat soos 'n magneet optree as 'n stroom daardeur beweeg  **11.**  Verlig lig as gevolg van verhitting  **12.**  Nie beweeg nie, bly op een plek  **14.**  Die weerstand wat ervaar word wanneer een voorwerp in kontak met 'n ander beweeg word  **15.**  'n Stroombaan komponent wat die stroom van elektriese stroom weerstaan | **Down**  **1.** 'n Tydelike magneet gemaak deur 'n stroomdraende draad om 'n ysterkern te spoel.  **2.**  'n Veranderlike weerstand  **6.**  Volledig pad waardeur elektrisiteit gelei word  **7.**  Materiaal wat nie toelaat dat elektrone vloei nie  **9.**  'n draad wat maklik smelt wanneer oorverhit en so breek 'n stroombaan  **13.**  'n Mate van hoe sterk die ladings langs die geleier gestoot word  **16.**  'n Toestel wat chemiese energie in elektriese energie kan verander |