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

FOSSIELE

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |
|  |  | 3 |  |  |  |  |  |  | 4 |  |  | 5 |  |  |  |  |  |  | 6 |
|  |  |  |  |  | 7 |  |  |  |  |  | 8 |  |  |  |  |  |  |  |  |
|  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 10 |  |  |  |  |  |  |  |  |  | 11 |  | 12 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across****5.** ‘n Lewende fossiel wat in 1938 in Oos-Londen ontdek is.**9.** Volledige organismes of oorblyfsels, afdrukke of spore van organismes wat gewoonlik in gesteentes gepreserveer is.**10.** Atome van dieselfde element wat dieselfde aantal protone het, maar die aantal neutrone verskil. **11.** Tekens of merke van organismes wat vroeër gelewe het.**13.** \_\_\_\_\_ dele van fossiele bly behoue deurdat die organiese materiaal deur minerale vervang of verhard word.**14.** Fossiele wat gebruik wrord om die ouderdom van ander fossiele, in dieselfde grondlaag, te bepaal. | **Down****1.** Die ouderdom van die fossiel word bepaal deur dit te vergelyk met ‘n ander fossiel en ‘n geologiese gebeurtenis.**2.** Die tempo van die verval van ‘n radioaktiewe isotoop.**3.** Fossiele van die primitiewe plant wat naby Mooirivier en Estcourt in KZN gevind is.**4.** Die organiese materie (harde dele) van 'n fossiel ontbind/verbrokkel en laat ‘n afdruk agter.**6.** Fossiele van soogdieragtige reptiele is in die Karoo gevind.**7.** Fossiele wat menslike evolusie bewys.**8.** Die organiese materie (van die harde dele) word stelselmatig met minerale vervang.**12.** Sagte dele van fossiele bly nie behoue nie want dit \_\_\_\_\_\_\_. |