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FOSSIELE

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| **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 \_\_\_\_\_\_\_. |