

**Unit 20**

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| **Use the vocabulary below to create your own mind map and add more words if necessary!** |  |
|  | **Nouns** |  | **Verbs & Expressions** |  |
|  | • br**ea**kthrough /ˈbreɪkθruː/• b**u**tterfly /ˈbʌtəflaɪ/ eff**e**ct • c**o**nsciousness /ˈkɒnʃəsnɪs/• engin**ee**r /endʒɪˈnɪə/• inv**e**ntion• inv**e**ntor• light year• ph**y**sicist /ˈfɪzɪsɪst/• p**o**rtal• qu**a**ntum mech**a**nics /ˈkwɒntəm mɪˈkænɪks/• responsib**i**lity• sc**i**ence f**i**ction• sc**i**entist /ˈsaɪəntɪst/• speed of light• the laws of ph**y**sics• th**eo**ry of relat**i**vity /ˌreləˈtɪvɪti/• time mach**i**ne /məˈʃiːn/• time tr**a**vel• w**o**rmhole /ˈwɜːmhəʊl/ |  | • ach**ie**ve /əˈtʃiːv/ = acc**o**mplish• c**a**rry out an exp**e**riment /ɪkˈsperɪmənt/• learn by tr**i**al /ˈtraɪəl/ and **e**rror /ˈerə/• make a mist**a**ke• overr**ea**ch /əʊvəˈriːtʃ/ = go bey**o**nd l**i**mits• res**ea**rch **i**nto• rewr**i**te h**i**story• serve mank**i**nd |  |
|  |  |
| **Adjectives** |
| • **e**thical ≠ un**e**thical /ˌʌnˈeθɪkl /• experim**e**ntal /ɪkˌsperɪˈmentl/• scient**i**fic /ˌsaɪənˈtɪfɪk/• futur**i**stic /ˌfjuːtʃəˈrɪstɪk/• gr**ou**ndbreaking /ˈɡraʊndˌbreɪkɪŋ/• life-ch**a**nging • safe ≠ d**a**ngerous |
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