

**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 | | |  |
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| **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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