**Nanotechnology Scavenger Hunt Student Sheet Answer Key**

Teacher Instructions:

* When creating the wall documents, be sure to not include the Answer of the question on the same page as its QR code, always use the one below it.
* For example, on the first wall display: Answer 14 would be placed at the bottom of the page, the Heart Symbol would be placed at the top of the page, but QR code # 2 would be place in the middle of the page.
* Follow this same pattern for the rest of the pages. Creating the pages in this manner will create a cycle for the students to go through.

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| --- | --- | --- | --- |
| Answer | Questions | QR Code | Symbol |
| 14 | As of 2017, \_\_\_\_\_\_\_\_\_\_ different types of breast cancers have been identified with the aid of nanotechnology. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ND7QPNQJ\large-Heart-0-8907[1].gif |
| 69% | If cars were made out of advanced composite materials, \_\_\_\_\_\_\_\_\_\_ percentage of gas could be saved. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\8U2V29G3\15160-illustration-of-a-gold-star-pv[1].png |
| 2015 | In 2009, The National Science Foundation projected nanotechnology as a $1 trillion market by \_\_\_\_\_\_\_\_\_\_. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZN81YMK2\Circle-red.svg[1].png |
| 65% | Nanotechnology could boost the efficiency of 2017 solar cells of 20-30% to \_\_\_\_\_\_\_\_\_\_. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZN81YMK2\large-Simple-Flower-0-5780[1].gif |
| 10-9 | Nano is the prefix used to show \_\_\_\_\_\_\_\_\_\_. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZN81YMK2\cell-example2[1].png |
| 10,000 nm | The smallest things that the human eye can make out are around \_\_\_\_\_\_\_\_\_\_ in size. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\8U2V29G3\PENTAGON[1].jpg |
| 100 nm | To be considered nano, a material must have at least one dimension less than \_\_\_\_\_\_\_\_\_\_. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\OVCUQAUD\large-Card-symbols-Diamond-166.6-11053[1].gif |
| 1180 ft | As of 2005, the Guinness Record for the world’s largest nanotube model is \_\_\_\_\_\_\_\_\_\_. |  | C:\Users\cc45\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\OVCUQAUD\DNA[1].png |