

**Value*: The price of greatness is responsibility...***

The National Orthodox School

Science Worksheet

Name: Grade: 5(A+B)

Date: / /2022

***Unit 3: A Healthy Body and Vaccines***

* Sometimes, **germs** like bacteria and viruses get in our

bodies. This can make us sick.

* Our **immune system** helps us fight the germs. Then we get better, these germs can sometimes make us very sick.
* Scientists made **vaccines** to protect us from diseases by giving us immunity.

**Vaccines = Immunity**

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| So **Vaccines** are products that produce immunity to a specific disease by injecting them into our body  - **Vaccines** are made from the same germs that cause disease. But the germs in vaccines are either killed or weakened so they won't make you sick. |
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**Vaccines are made in a many ways**.

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| --- | --- |
| **Use part of the virus.** | **Use part of the bacteria.** |
| **Use dead virus.** | **Use live, weakened virus.** |

Unscramble these letters to find the words!

1. **AEYHTLH \_\_\_\_HEALTHY\_\_\_\_\_\_\_\_\_\_**
2. **EGRSM \_\_\_\_\_GERMS\_\_\_\_\_\_\_\_\_**
3. **SRIVU \_\_\_\_\_VIRUS\_\_\_\_\_\_\_\_\_**
4. **TBIECRAA \_\_\_\_BACTERIA\_\_\_\_\_\_\_\_\_\_**
5. **NUIEMM \_\_\_\_\_\_IMMUNE\_\_\_\_\_\_\_\_**
6. **ECLL \_\_\_\_\_\_\_\_CELL\_\_\_\_\_\_**

**- Read each statement and decide whether it is true or false.**

1- A vaccine activates our immune system without making us sick. \_\_\_\_\_T\_\_

2- Vaccines often contain tiny amounts of dead or weakened viruses. \_\_\_\_T\_\_\_.

3- The germs used in vaccines are not real germs. \_F\_\_

4- Measles and chicken pox diseases are caused by bacteria. \_\_\_ F \_\_

5- Vaccines protect us against viruses only. \_\_ F \_\_

6- A vaccine’s main goal is to make people sick. \_ F \_\_\_

7- Vaccination causes your body to react as if it had met a germ. \_T\_\_\_

8- Teeth cavities are tiny holes in your teeth caused by sugars and acids in your mouth. \_\_ T \_\_\_\_

- How do white blood cells protect your body?

1 - ...They produce some chemical substances that can kill germs from germs.

2-......They attack and kill the germs that enter the body.

3- Some of the white blood cells eat up the germs.

- Name three disease that are caused by bacteria.

**1....Tooth cavity...........................**

**2...... Typoid.........................**

**3...........Cholera....................**