

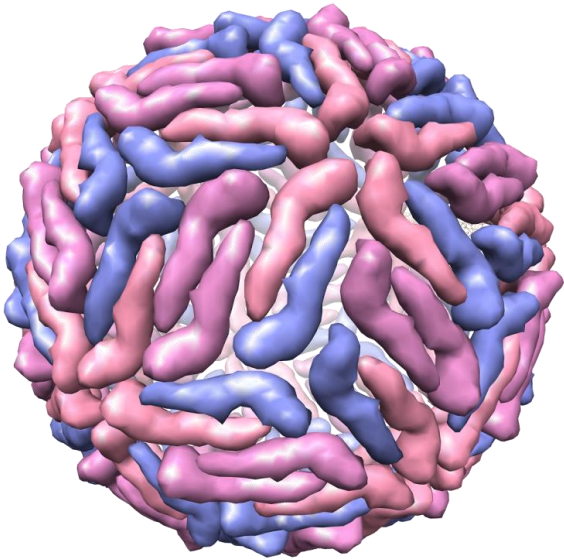


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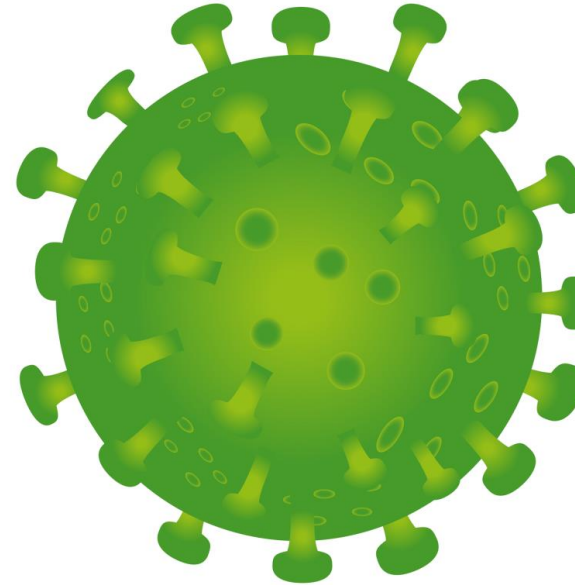
# How Is COVID-19 Detected?

Keep Your Child Safe From COVID-19 Series

## How Is COVID-19 Detected?



virus of dengue

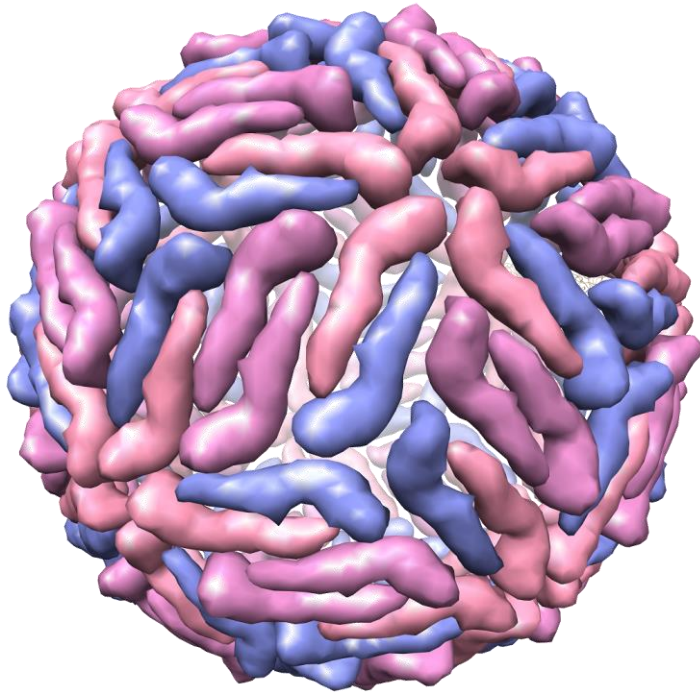


virus of COVID-19

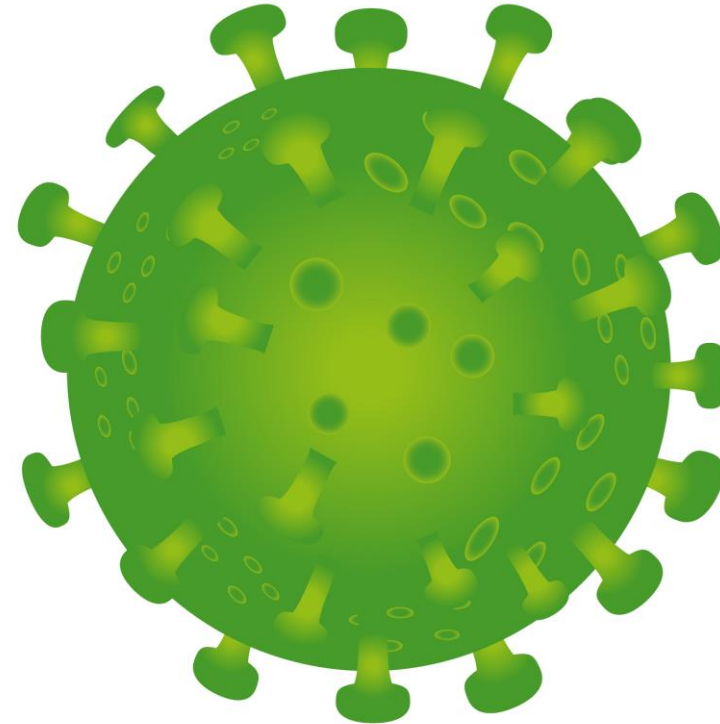
Let's look at these **viruses**.  
What do you notice about these **viruses**?

Note: Encourage children to share their views.

## How Is COVID-19 Detected?



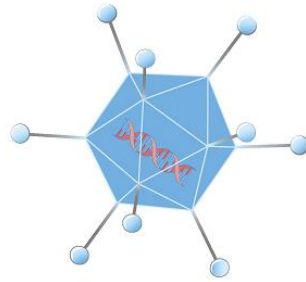
virus of dengue



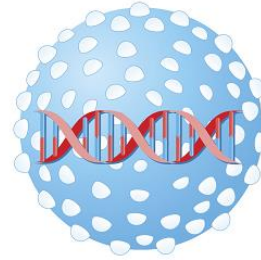
virus of COVID-19

Yes, these **viruses** look **different** from one another.

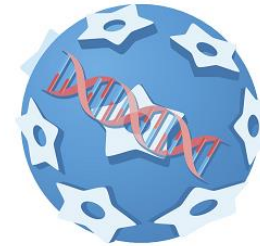
## How Is COVID-19 Detected?



Adenovirus

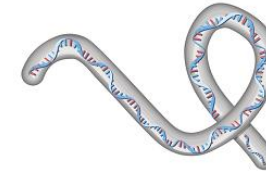


Hepatitis B

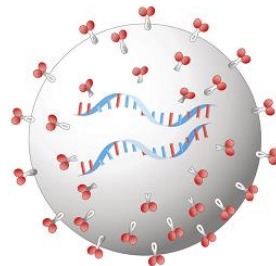
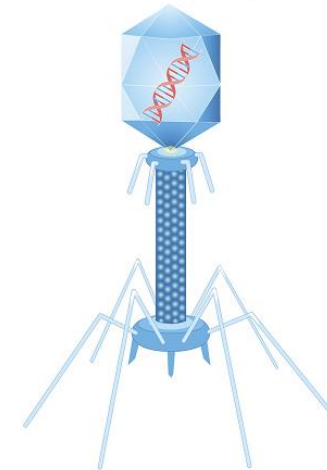


Papillomavirus

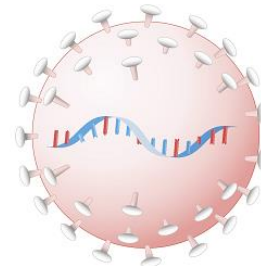
Ebolavirus



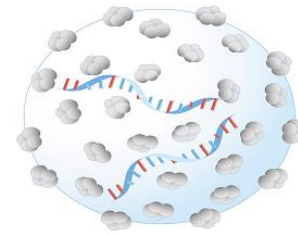
Bacteriophage



Rotavirus



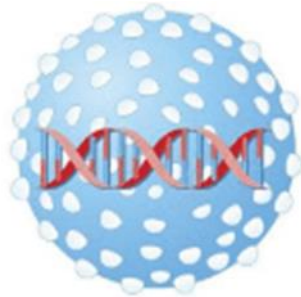
HIV



Influenza

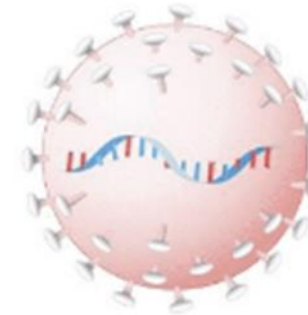
Every **virus** is **unique** and looks **different** from one another on the outside.

## How Is COVID-19 Detected?



Hepatitis B

DNA = deoxyribonucleic acid



HIV

RNA = ribonucleic acid



Viruses have **DNA** or **RNA** inside them.  
Different viruses have different **DNA** or **RNA** inside.



## How Is COVID-19 Detected?



**Test kits** are used to detect the **different** types of **viruses**.

## How Is COVID-19 Detected?



Since every **virus** is **unique**, the **test kits** for **different viruses** are also **different**.

## How Is COVID-19 Detected?

### Hands-on Time



### Mission:

Every virus has its matching test kit. Let's match each test kit to the virus.

Note: Guide children to match each virus to the correct test kit.



## How Is COVID-19 Detected?

[Click to view the video.](#)

Every **virus** has its own **test kit**.  
Did you manage to match each **virus** to the **test kit**?