



Highly Commended

**Multimedia**

**Year 5-6**

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**Richmond Primary School**



# ***What is Relativity?***

**Video Link:** <https://youtu.be/EX794OnaDRc>

**Software:** Windows Video Editor

## **Introduction**

The theories of relativity were developed by Albert Einstein in early 1900s to solve the problem of how physical laws and measurements change when considered by observers in various states of motion and based on the principle of relativity.

## **What is it?**

Relativity is a theory that explains the concept of the speed of an object for different observers.

## **Example:**

Explained in video.

## **Rules of Relativity:**

- There is 'no absolute frame of reference.' This means that no matter what or who it is, everything can be depicted as an observer
- Everything is in constant motion. This is because everything is in a moving galaxy, which is why we use the term 'relative'
- Every 'speed' is a 'relative speed,' meaning that speed is a speed that has been observed by an 'observer'

## **Problems and Acknowledgements**

The problems I faced were both my video and report were too long. I acknowledge my parents for helping me setting up the camera and transferring the video onto the computer.

# Bibliography

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