Skills

* To explain
* To identify
* To explore
* To raise questions
* To collect and record data

By the end of the block, children should know –

* That unsupported objects fall towards the earth because of the force of gravity acting between the earth and the falling object.
* The effects of air resistance, water resistance and friction that act between moving surfaces.
* That some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

BIG QUESTION

I wonder how many forces you encounter in a day?

What would life look like without forces?

Subject

\_\_\_Science \_\_\_

Term 2\_\_

‘Forces’

Vocabulary

Gravity Friction

Resistance Lever

Mechanisms Buoyancy

Effective Exert/Apply

Forces Repel/Attract

Thrust

Key Figures

Galileo and Issac Newton

[](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwi7496YybXdAhUsAsAKHSQzDOoQjRx6BAgBEAU&url=http%3A%2F%2Fwww.diocant-aquila.org%2FKingsnorth-CE-Primary-School&psig=AOvVaw3awRi5GUGB9PYUIiFKTqrv&ust=1536845345048273)

KINGSNORTH SUBJECT ORGANISER

|  |  |  |
| --- | --- | --- |
| What I already know | What I’d like to know | What I have learnt |