## Dog Kennel Hill Primary - Science

## Topic: Forces

Year: 5

|  | Vocabulary |
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| Air resistance | A force that is caused by air with the <br> force acting in the opposite direction <br> to an objects moving through the air. |
| Force | A push or pull upon an object <br> resulting from its interaction with <br> another object. |
| Gears | The resistance that one surface or <br> objects encounters when moving <br> another. |
| Gravity | A toothed wheel that works with <br> others to alter the relationship <br> between the speed of a driving <br> mechanism (e.g engine and the speed <br> of the driven parts (e.g. the wheels). |
| Water | The force that attracts a body <br> towar4ds the centre of the earth. |
| resistance | A rigid bar resting on a pivot that is <br> used to move heavy or firmly fixed <br> load. |
| Pulleys force | A force that is caused by water with <br> the force acting in the opposite <br> direction to an object moving through <br> the water. |
| Mass force | The weight measured by an object <br> acceleration under a given force by <br> the force exerted on it by. |
| To move something in a specific way |  |
| by exerting force. in a particular direction. |  |\(\left|\begin{array}{ll}A wheel with a grooved rim around <br>

that changed direction of a force <br>
applied to the cord.\end{array}\right|\)


