

# What are non-contact forces?

Science

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# STAR WORDS

**magnet**

**force**

**repel**

**attract**

**thrust**

**friction**



# TASK

1. When do contact forces act?
2. When does upthrust act?
3. Name four contact force examples.



# TASK

1. Name 2 examples of non-contact forces
2. What words do we use for each of the following:  
A\_\_\_\_\_ = pull together  
R\_\_\_\_\_ = push away from each other
3. How is a thrust force created?



| <b>Force</b>     | <b>Is it contact or non-contact?</b> | <b>Sketch of demonstration</b> |
|------------------|--------------------------------------|--------------------------------|
| Weight           |                                      |                                |
| Air resistance   |                                      |                                |
| Friction         |                                      |                                |
| Magnetic         |                                      |                                |
| Upthrust         |                                      |                                |
| Water resistance |                                      |                                |
| Thrust           |                                      |                                |



| <b>Contact forces</b>   | <b>Non-contact forces</b>   |
|---|---|
| <ul style="list-style-type: none"><li>• _____</li><li>• _____</li><li>• _____</li></ul> | <ul style="list-style-type: none"><li>• _____</li><li>• _____</li></ul> |

**Gravitational force**

**Friction**

**Magnetic force**

**Upthrust**

**Air resistance**

