


Wednesday 20th January 2021

Learning Objective To understand that friction is the force which occurs when two objects move over each other.		
Success Criteria	Self Assessment	
• To:		
• To explain when friction can be unhelpful.		
• To label where friction would be in diagrams.		

I would like you to watch this video on BBC Bitesize firstly, as it will show you with characters what friction is [What is friction? - BBC Bitesize](#).

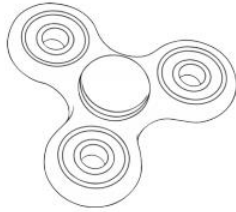
There is also a PowerPoint presentation giving you more information about what friction is, and how it effects our everyday lives.

Once you have looked at all of the information, I would like you to review all of the following scenarios and indicate whether friction would be useful, or unhelpful. An example to think about would be ice skating. It is useful for ice skaters that there is so little friction created on the ice, otherwise they would be unable to skate. That is also the reason that ice skates are designed in the way that they are, the sharp blade beneath the shoe creates as little friction as possible as it has such a small surface area.



In the following scenarios, would friction be helpful or unhelpful?

fidget spinner



advantage

disadvantage

My explanation:

running shoes

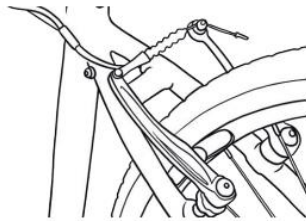


advantage

disadvantage

My explanation:

bike brakes



advantage

disadvantage

My explanation:

playground slide



advantage

disadvantage

My explanation:
