

生活中的力

力的現象有哪些？



FORCE



Can I feel the force?

Where can we find the force?



QUESTION :



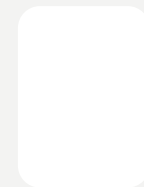
- Q: Can you **see** the force?
- A: **No** , I can not see the force.



QUESTION :



- Q: Can you **feel** the force?



QUESTION :



- Q: Can you **feel** the force?
- A: **Yes** , I can feel the force.



QUESTION :



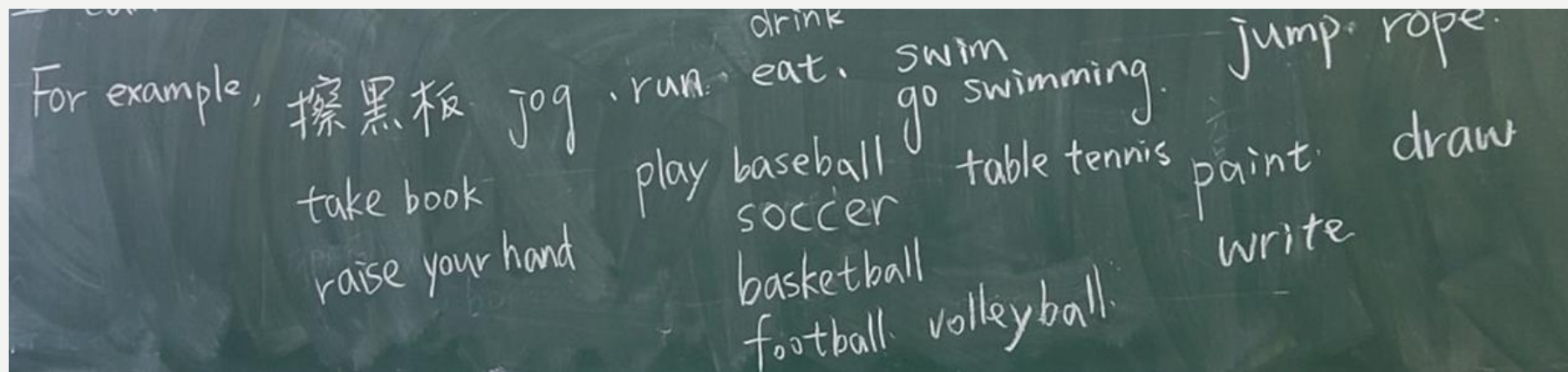
- Q: Can you **feel** the force?
- A: **Yes** , I can feel the force.



QUESTION :



- Q: Can you **feel** the force?
- A: **Yes** , I can feel the force.

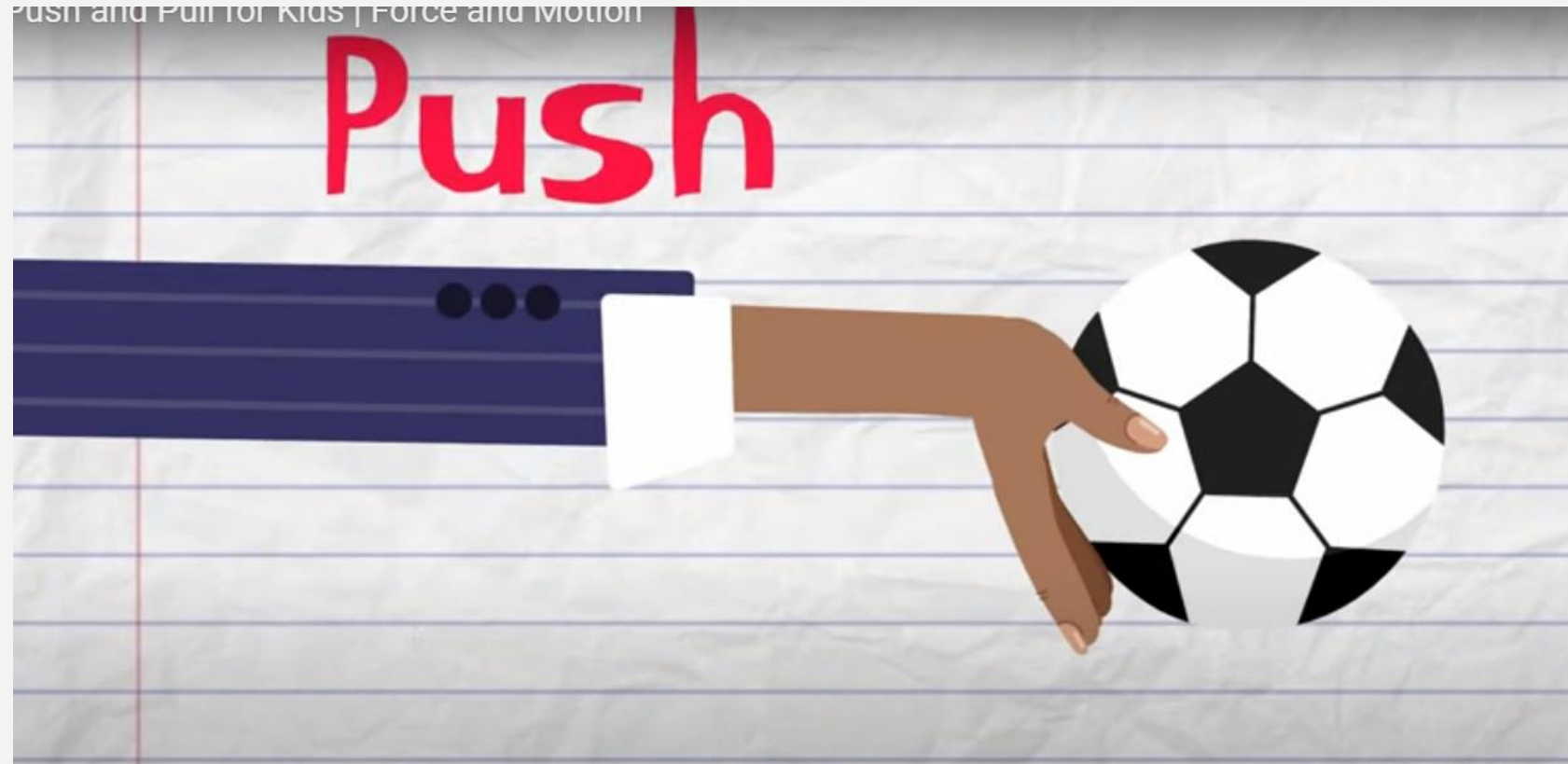


QUESTION :



•Q: What is the force?

今日重點

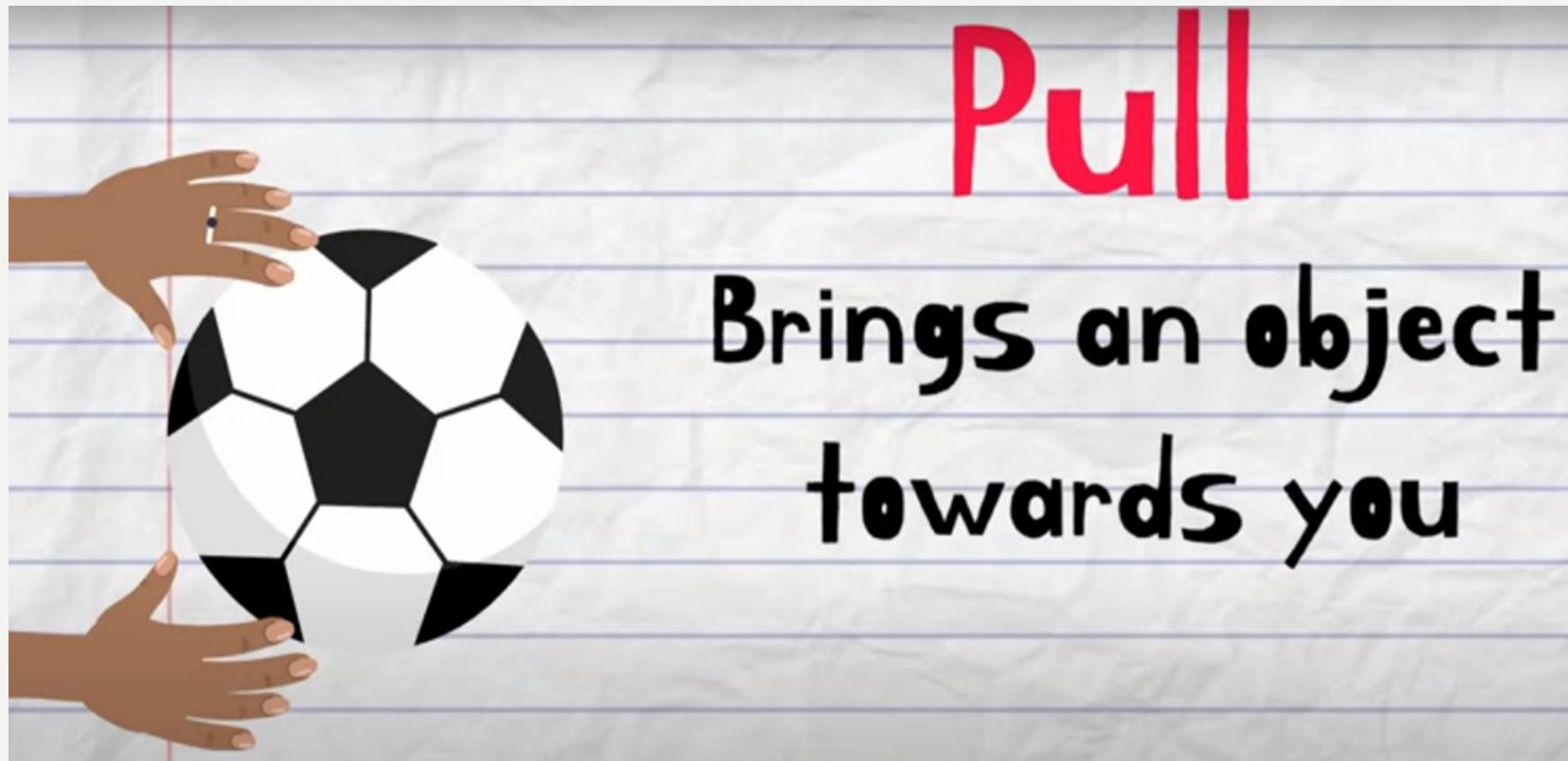


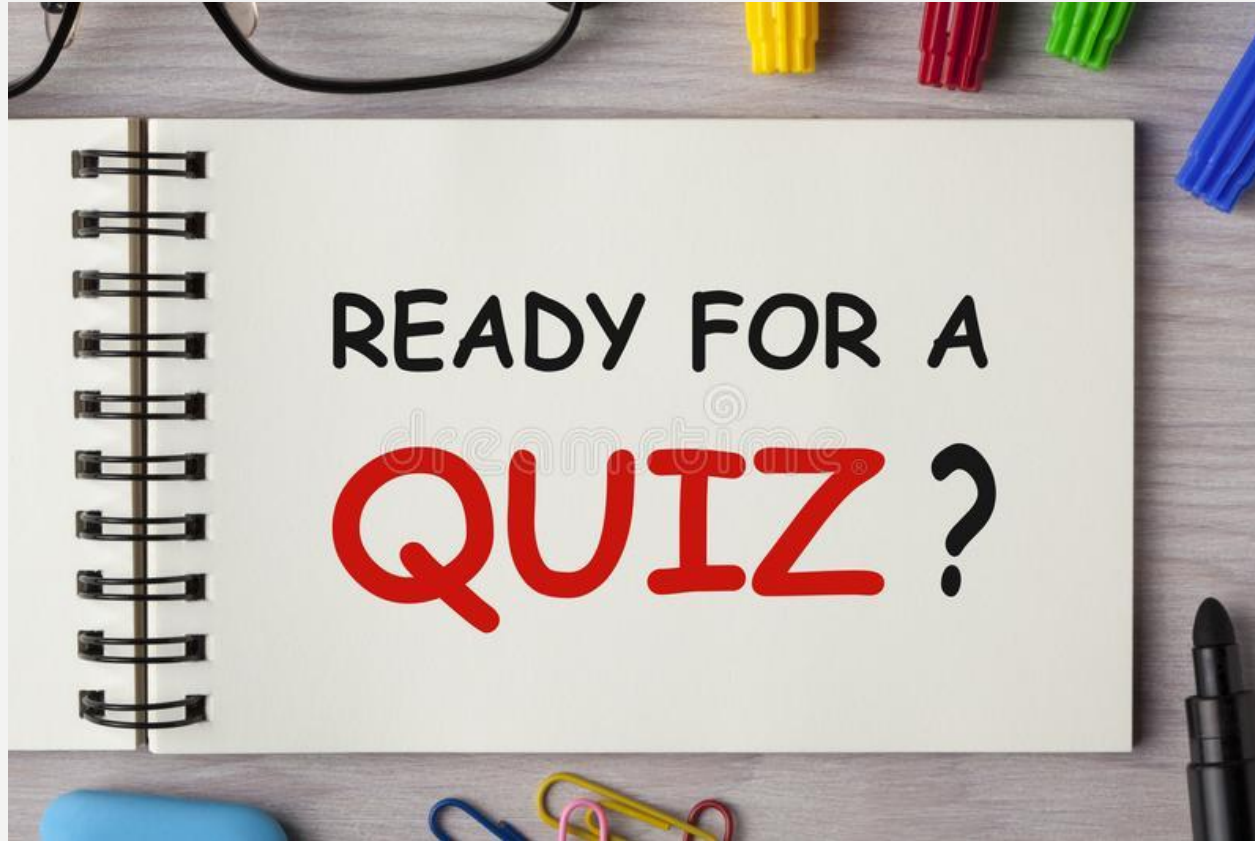
QUESTION :



•Q: What is the force?

今日重點







Does he **push** or **pull**?



He **pushes**.





Do they **push** or **pull**?



They **pull**.





Does he **push** or **pull**?



He **pushes**.





Does she **push** or **pull**?



She **pushes**.





Does he **push** or **pull**?



He **pulls**.





Does he **push** or **pull**?



He **pushes**.





Do they **push** or **pull**?



They **push** and **pull**...



Let's see how the ball moves.

push



block(擋)

◆stop(停止)

◆moving(運動中)

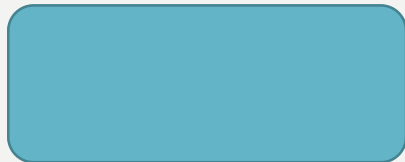


Let's talk about what do you see .

push

◆stop(停止)

push



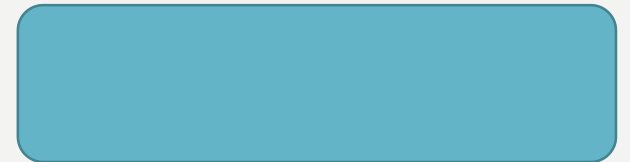
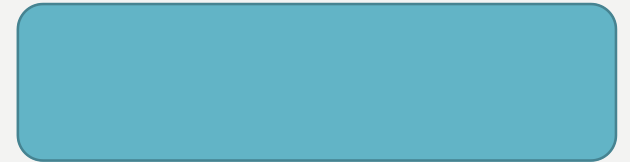
◆moving(運動中)

push



block(擋)

◆moving(運動中)



一、你推我擋的滾球

探索目的 了解物體受力時的運動狀態。

實驗方法 兩個人滾球，觀察球運動狀態的變化。

實驗結果 請將結果記錄下來。

動作	球運動狀態的變化
①推球	球會開始滾動，或滾更快。 The ball will start moving or move faster.
②擋球	球會變慢或停下來 The ball will move slower or stop.

- 根據實驗結果，當物體受力時，運動狀態可能會有什麼變化？請在 中打✓。

①變快 ②變慢 ③停止

Complete and correct homework.
(完成習作並訂正)

Cooperation within the group.
(組內合作)

教學時間：**40**分