



برعاية معالي وزير التربية والتعليم السيد الاستاذ / محمد عبد اللطيف

وتوجيهات مساعد الوزير لشؤون تطوير المناهج التعليمية
و المشرف على الادارة المركزية لتطوير المناهج

د/ أكرم حسن

اداءات وتقييمات

Science- grade 4

الصف الرابع الابتدائي

لجنة الاعداد والمراجعة

خبراء مكتب تنمية مادة العلوم

اشراف علمي

مستشار العلوم

د/ عزيزه رجب خليفة

الإدارة المركزية لتطوير المناهج
إدارة تنمية مادة العلوم

2024 - 2025





Year (4)

Weekly test sheet week (14)

Unit (2): Motion

2:3- Energy and collisions

Test (1)

Answer the following questions :

1- Complete the following sentence:

The risk of collision increases by increasing in and.....

2- Write the scientific term :

1- Two things bump or crash each other.

3- Give reasons:

In a Newton's cradle , energy loss occurs in the form of thermal energy.

4- What happens when:

Two cars moving in the same direction collide.

- Mention the relation between energy before collision and energy after collision.

2024 - 2025





Year (4)

Weekly test sheet week (14)

Unit (2): Motion

2:3- Energy and collisions

Test (2)

Answer the following questions :

1- Complete the following sentence:

More..... and.....of the body increased the risk of collision .

2- Write the scientific term :

Audible energy produced during a collision.

3- Give reasons:

Energy loss occurs when Newton's cradle balls collide.

4- What happens when:

Two cars moving in the opposite direction collide.

5- Mention the relation between the speed of the body and its kinetic energy

2024 - 2025





Year (4)

Weekly test sheet week (14)

Unit (2): Motion

2:3- Energy and collisions

Test (3)

Answer the following questions :

1- Complete the following sentence:

Newton's cradle loses energy in the form of and.....energy.

2- Write the scientific term :

Energy stored by Newton's cradle when lifting a ball upwards.

3- Give reasons:

The collision increases with increasing mass.

4- What happens when:

Increase the speed of the body in relation to its kinetic energy.

Mention the relation between the speed of the body and the force of the collision.

2024 ***** 2025

