

Force and movement- Speed of movement

Warmer

1. What does it mean when the car speedometer shows 60? It means 60 km/hr
2. What is the speed of the cheetah(獵豹) in the textbook? In one hundred meter can just sprint 3 or 4 seconds.
3. What is the maximum speed of Taiwan's high-speed rail? 300 kilometers per hour

Language

distance (距離)	time (時間)	speed (速度)
kilometer (公里)	fast (快)	slow (慢)

1. Trains can reach speeds of up to 130 kilometers per hour.
2. Eating more slowly is better for your health.
3. The distance between my home and school is not far.
4. The MRT has an average speed of 80 kilometers per hour.
5. Time is running out, you have to speed up.
6. He is a time runner.

Content

Watch a video of What is Force? (3:52) and complete the following sentences in a small group.

1. A force can change the direction of a moving object.
2. Non contact force is a type of force that can happen without the objects touching.
3. A magnet attracts magnetic objects.
4. Gravitational force- the force that attracts objects towards the Earth's center.
5. Planets moving around the sun.
6. Water falling from a mountain.
7. Snow falling during winter.

Thinking: please read the sentence.

1. Measure time within the same distance. The shorter the time, the faster the movement speed; the longer the time, the slower the movement speed.
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It means 60 km/hr
 In one hundred meter can just spent 3 or 4 seconds.
 It's 300 kilometers per hour.

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can run 60 km.
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The cheetah in one hundred meter can run 3 seconds.
3. What is the maximum speed of Taiwan's high-speed rail?
300 kilometers per hour.

A++

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It means one hour it can run 60 km.

2. What is the speed of the cheetah (獵豹) in the textbook?

three seconds can run one hundred meter.

3. What is the maximum speed of Taiwan's high-speed rail?

one hour can run three hundred km.

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It mean It can go 60km in 1 hour.

2. What is the speed of the cheetah(獵豹) in the textbook?

It can just spend 3 second to run 100m.

3. What is the maximum speed of Taiwan's high-speed rail?

300km/hr.

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It's means one hour it can run sixty kilometers.

2. What is the speed of the cheetah(獵豹) in the textbook?

It's three to four in one hundred meters.

3. What is the maximum speed of Taiwan's high-speed rail?

It's three hundred kilometers in one hour.

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It's three to four in one hundred meter.

3. What is the maximum speed of Taiwan's high-speed rail?

It's three kilometer in one hundred.

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It means 60 km/hr

2. What is the speed of the cheetah (獵豹) in the textbook?

3 sec (one hundred meter)

3. What is the maximum speed of Taiwan's high-speed rail?

three hundred kilometers per hour

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3. What is the maximum speed of Taiwan's high-speed rail?

300 kilometers per hour.

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1 hour can run 60km.

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In one hundred meters can run three or four second.

3. What is the maximum speed of Taiwan's high-speed rail?

1 hour can run 300 kms

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It means 60km/h

2. What is the speed of the cheetah(獵豹) in the textbook?

每100公尺跑3秒

3. What is the maximum speed of Taiwan's high-speed rail?

300 Kilometers per hour

Language

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7. Snow falling DURING winter.

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代表1個時可以行60公里。

2. What is the speed of the cheetah(獵豹) in the textbook?

每100公尺只需~4秒。

3. What is the maximum speed of Taiwan's high-speed rail?

時速300公里

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300 kilometers per hour.

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3. What is the maximum speed of Taiwan's high-speed rail?

300km per hour

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Force and movement- Speed of movement

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1. What does it mean when the car speedometer shows 60? *It means 60 km/h*
2. What is the speed of the cheetah(獵豹) in the textbook? *In one hundred meter can*
3. What is the maximum speed of Taiwan's high-speed rail? *300 kilometers per hour*

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It's means 60 km/hr
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In one hundred meter can just spent 3~4 seconds.
3. What is the maximum speed of Taiwan's high-speed rail?
300 kilometers per hour.

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It's means ^{速度} 60 km/hr ✓

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In 100 meter can run 3 or 4 seconds. ✓

3. What is the maximum speed of Taiwan's high-speed rail?

300 km/hr ✓

A++

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3. The distance between my home and school is not far. ✓
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300 kilometers per hour. ✓

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2. What is the speed of the cheetah (獵豹) in the textbook? In one-hundred meter can just spend 3 or 4 seconds. ✓
3. What is the maximum speed of Taiwan's high-speed rail? three hundred kilometers per-hour ✓

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7. Snow falling during winter. ✓

Thinking: please read the sentence.

1. Measure time within the same distance. The shorter the time, the faster the movement speed; the longer the time, the slower the movement speed.
2. Measure the distance moved in the same time. The longer the distance, the faster the speed; the shorter the distance, the slower the speed.

Force and movement- Speed of movement

Warmer

1. What does it mean when the car speedometer shows 60? *It means 60^{km}/hr*
2. What is the speed of the cheetah(獵豹) in the textbook? *In one hundred meter can*
3. What is the maximum speed of Taiwan's high-speed rail? *300 kilometers per hour. Just spent 3 or 4 seconds*

Language

distance (距離)	time (時間)	speed (速度)
kilometer (公里)	fast (快)	slow (慢)

1. Trains can reach speeds of up to 130 kilometers per hour.
2. Eating more slow ly is better for your health.
3. The distance between my home and school is not far.
4. The MRT has an average speed of 80 kilometers per hour.
5. Time is running out, you have to speed up.
6. He is a fast runner

Content

Watch a video of What is Force? (3:52) and complete the following sentences in a small group.

1. A force can change the direction of a moving object.
2. Non contact force is a type of force that can happen without the objects touching.
3. A magnet attracting magnetic objects.
4. Gravitational force- the force that attracts objects towards the Earth's center.
5. Planets moving around the sun.
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速度 Warmer

Force and movement- Speed of movement

1. What does it mean when the car speedometer shows 60?

It means 60 km/hr

每小時跑 60 km ✓

2. What is the speed of the cheetah (獵豹) in the textbook?

In one hundred meter can just spent 3 or 4 seconds.

3. What is the maximum speed of Taiwan's high-speed rail?

300 kilometer per hour ✓

Language

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距離

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Force and movement- Speed of movement**Warmer**

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Language

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Force and movement- Speed of movement

Warmer

1. What does it mean when the car speedometer shows 60? *It mean 60km/hr.*
2. What is the speed of the cheetah(獵豹) in the textbook? *In are hundred meter can just 3 or 4 seconds*
3. What is the maximum speed of Taiwan's high-speed rail? *350 kilometer per hour*

Language

distance (距離)	time (時間)	speed (速度)
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6. He is a slow runner
fast

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3. A magnet ATTRACTING magnetic objects.

4. Gravitational force- the force that attracts objects towards the Earth's center.

5. Planets orbit around the sun.

6. Water falling off a mountain.

7. Snow falling during winter.

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