

CRASH TEST EGGS

Build a vehicle to protect an egg in a collision.

Think about how to protect the egg.

Build a protective cage.

Add protective materials: bubble wrap, cotton wool, etc

Try an air bag - balloon

You'll need

Egg – boiled is less messy

Construction materials

Elastic bands

Cotton Wool

Bubble Wrap

Test track area



Instructions

Design and build a vehicle to protect a boiled egg.

Add protective materials: bubble wrap, cotton wool, paper, etc.

Try an air bag. A balloon might work for this.

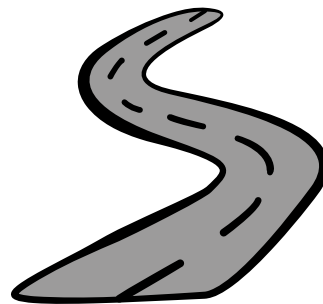
Can you add some suspension?

Test your car!

Extension Ideas

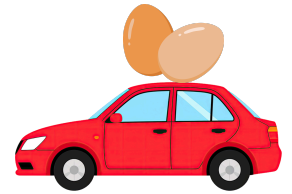
Try a different method of protecting the eggs and design a test to investigate which method works best.

Does your solution still work if you release the car down a ramp?



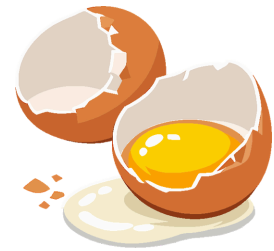
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Vehicle Design



Materials

- _____
- _____
- _____
- _____
- _____
- _____
- _____



Conclusion

Did the egg break?

YES

NO

