

# Your Own Investigation

To design and carry out my own investigation.



**Question to investigate:** \_\_\_\_\_

What will you do to investigate the question? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## Word Bank

length	throw	kick	distance	measure	compare
longer	shorter	shortest	longest	ball	bones

## Equipment:

Circle the things you will use.

stopwatch      balls      measuring tape/metre stick      thermometer      chalk

## Making the Test Fair:

a. What are you changing in your investigation?	The person doing the _____ and therefore the length of the _____ each time.
b. What are you measuring in your investigation?	_____ _____
c. What are we going to keep the same each time you do the investigation?	_____ _____

## Prediction (What do you think will happen?):

I predict that \_\_\_\_\_

**Results (What happened?):**

Name of Person	Length of _____	Order for Length of _____ (1 <sup>st</sup> , 2 <sup>nd</sup> and so on)	Distance _____	Order for Distance _____ (1 <sup>st</sup> , 2 <sup>nd</sup> and so on)

**Conclusion (What have we found out?):**

Looking at these results, I can see \_\_\_\_\_

My prediction was **correct/incorrect**.

**Evaluation:**

One thing I could do to make this investigation better is \_\_\_\_\_

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**Question to investigate:** \_\_\_\_\_

What will you do to investigate the question? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Equipment:** \_\_\_\_\_

## Making the Test Fair:

a. What are you changing in your investigation?	_____ _____ _____
b. What are you measuring in your investigation?	_____ _____ _____
c. What are we going to keep the same each time you do the investigation?	_____ _____ _____

## Prediction (What do you think will happen?):

I predict that \_\_\_\_\_

because \_\_\_\_\_

\_\_\_\_\_

**Results (What happened?):**

Name of Person	Length of _____	Order for Length of _____ (1 <sup>st</sup> , 2 <sup>nd</sup> and so on)	Distance _____	Order for Distance _____ (1 <sup>st</sup> , 2 <sup>nd</sup> and so on)

**Conclusion (What have we found out?):**

Looking at these results, I can see \_\_\_\_\_

\_\_\_\_\_

My prediction was \_\_\_\_\_.

**Evaluation:**

I think this investigation went well because \_\_\_\_\_

\_\_\_\_\_

A problem with my investigation was \_\_\_\_\_

If I were to do this investigation again, I could make it better by \_\_\_\_\_

\_\_\_\_\_

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**Question to investigate:** \_\_\_\_\_

What will you do to investigate the question? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Equipment:** \_\_\_\_\_

## Making the Test Fair:

a. What are you changing in your investigation?	_____ _____ _____
b. What are you measuring in your investigation?	_____ _____ _____
c. What are we going to keep the same each time you do the investigation?	_____ _____ _____

## Prediction (What do you think will happen?):

Give a reason for your prediction.

\_\_\_\_\_

\_\_\_\_\_

**Results (What happened?):**

Add headings to the table. You do not have to use all of the grid if you do not want to.


**Conclusion (What have we found out?):**

My results show me that \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Evaluation:**

One thing that went well about this investigation was \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

If I were to do this investigation again, I would make it a fairer test by \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Another thing I would improve about this investigation is \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_