

Targeted Home Learning

Year:10

Targeted Home Learning

Subject: English

Year 10:

An Inspector Calls was written in 1945 for the purpose of criticising the ruling classes and their abusive control of society.

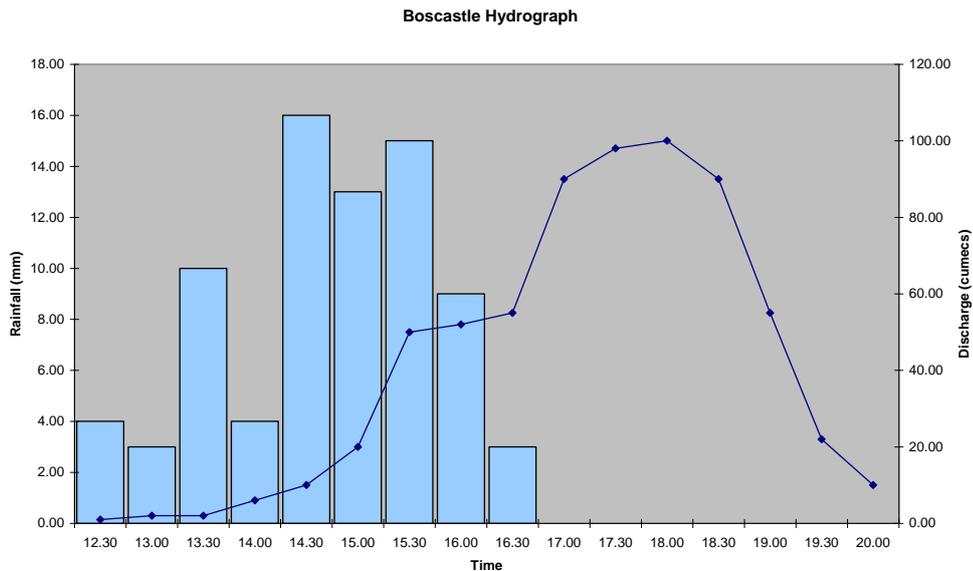
Write a paragraph which explains how you think a modern audience in 2020 could apply the allegorical message of the play to our own society. Do you think it is still relevant?

Targeted Home Learning

Subject: Geography

Year: 10

The graph below shows a flood hydrograph for the Boscastle floods of 2004.



Task 1) Add the following key words to the hydrograph – lag time, rising limb, falling limb, peak discharge, peak rainfall.

Task 2) Answer the following exam style questions in full sentences:

- Explain two factors that could have contributed to the short lag time seen on the graph
- Explain two factors that could have contributed to the high levels of discharge seen on the graph
- Using your previous knowledge explain the social, economic and environmental effects of the Boscastle floods
- Using your previous knowledge, assess the extent to which soft engineering strategies were more effective than hard engineering strategies at reducing the flood risk in Boscastle.

Targeted Home Learning

Subject: Business Studies

Year 10:

Case Study

London Taxi Company opens £300m electric black cab factory in Coventry

The new car factory in Coventry will produce thousands of electric vehicles following a £300m investment by its Chinese owners Geely (who also own Volvo). The London Taxi Company is aiming to produce 5,000 vehicles a year by 2019. The chairman of Geely said: "China continues to see the UK as a hub for innovation in new energy technology, for manufacturing expertise and for skills." He has also expressed pride that the new taxi will help London's problems with air quality (believed to cause 9,500 deaths a year).

The new plant was constructed in just two years. For more than thirty years all black cabs had diesel engines. Now all the new vehicles will be electric, helped by Geely's expertise in China (the world's biggest producer of electric cars). The TX5 makes extensive use of aluminium to reduce its weight and increase efficiency. Its low weight enables it to provide comfortable seating to 6 passengers, two more than its rivals.



Geely took on the London Taxi Company in 2013, shortly after the business faced closure after running into financial difficulties. More than 100 staff had been made redundant, leaving fewer than 90 employees when Geely spent £11m buying the business out of its insolvency. Production of the new £55,000 taxis began on August 1st 2017 with an order for 225 vehicles from a Dutch taxi company. Despite the high price, Geely says the electric taxi will save cab drivers about £100 a week in fuel costs. And the factory will generate more than 1,000 skilled manufacturing jobs. The only worry is that Mercedes has also launched a German-made electric cab into the UK market: and its price is £48,500.

Sources: many, including The Telegraph July 2017

Questions: 20 marks

1. Outline one reason why the original London Taxi Company failed in 2013. (2)
2. Calculate the saving the Dutch taxi company could have made if it bought its taxis from Mercedes instead of the London Taxi Company. (3)
3. Analyse the role of business enterprise in Geely's handling of the London Taxi Company. (6)
4. A newly qualified black cab driver is planning to buy from the London Taxi Company instead of from Mercedes. Justify whether or not she is doing the right thing. (9)

Targeted Home Learning- Cam Nat

Subject: PE

Year: 10

Answer the following 8-mark questions in full

1. Discuss the influence of media on the popularity of sport. 8 marks *
2. The following shows some information about participation in sport in the UK.

It shows the sport and the Number of adults taking part at least once a month

Tennis 700 000

Golf 1 000 000

Football 2 600 000

Swimming 4 100 000

Discuss reasons why participation levels might be so different in each of these sports.

Targeted Home Learning

Subject: Drama

Year 10 :

Blood Brothers Table Style Questions

Top tips: Examples/backing from the text in your justification will go a long way.

1. Identify three props you would give to Mrs Lyons, and justify why.

Prop	Justification

2. Identify three lighting states you would use to create a mood or atmosphere when the narrator is on stage.

Lighting state	Justification

3. In the table below write three ways you as a director would have the narrator use his physicality, and why.

Physicality	Justification

Targeted Home Learning

Subject: Food

Year 10:

Eating too many fats and sugars can lead to becoming obese.

Explain why eating a healthy balanced diet and being physically active are both important in the prevention and treatment of obesity.

Targeted Home Learning

Subject: Computer Science

Year: 10

Q1	<p>State what is meant by a storage device, an input device and an output device in a computer system.</p> <p>Storage Device:</p> <p>.....</p> <p>.....</p> <p>Input Device:</p> <p>.....</p> <p>.....</p> <p>Output Device:</p> <p>.....</p> <p>.....</p> <p>[3]</p>
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Targeted Home Learning

Subject: History

Year 10: Early Modern Medicine

Exam Question:

Write a clear and organised summary which explains and analyses the people's living conditions in the Early Modern Period. (9 marks)

Why were attempts to stop the plague so ineffective in the medieval period? (10 marks)

Targeted Home Learning

Subject: Music

Year: 10

Use the music room at lunch and after school to practise your performance pieces and develop your compositions.

Targeted Home Learning

Subject: Maths

Year 10:

In Maths you will be learning 10 different topics during Year 10. Like last year it will involve **algebra, number, data** and **shape**.

To make sure that you are as ready as you can be for Maths this half term, have a go at the tasks on Hegarty Maths that your teacher sets as your **pre-learning**.

Remember, you can always watch the short video which will help you with the task!

You will also receive **targeted home learning** from your class teachers during every topic.

Targeted Learning

Subject: DT

Year: 10

Generate an Initial ideas page (a4) of original and creative design ideas for a replacement desk tidy for the tables in Mr Evans' classroom.

Targeted Learning

Subject: Science & French

Year: 10

From this term onwards, Year 10 Targeted Home Learning will be set by your class teacher on a regular basis – this is done to support and develop good revision habits before your transition into Year 11