

THE PRIORY ACADEMY

LSST

Masterclass Launch evening

2019/2020



# The programme

The aims of Masterclass:

- To stretch and challenge high ability children
- To develop confidence in the children's learning
- To allow an opportunity for children to meet students from other primary schools
- To give children the opportunity to learn in a secondary school before Year 7
- To give children the opportunity to familiarise themselves with LSST

# How is the programme structured?

Year 5

Year 6

Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	A u g	Sept	Oct	Nov	Dec	Jan	Feb
Launch to Year 5  Thursday 17 <sup>th</sup> October 2019	Masterclass tests  Saturday 23 <sup>rd</sup> November 2019			Tuesday Masterclass sessions (10 weeks) 14 <sup>th</sup> January–24 <sup>th</sup> March 4.00pm – 5.00pm  Subjects available: English, Maths, Science, Geography, History, MFL.								Aptitude tests					



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# English





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# Mathematics:

## Can you answer this question?

Nadiya is baking a cake. The recipe says that her cake should be baked in the oven for 1 hour and 35 minutes. She puts the cake in the oven at 11:40 am. At what time should she take the cake out of the oven?

A 12:15 pm      B 12:40 pm      C 1:05 pm      D 1:15 pm      E 2:15 pm



If you got the answer then you are already showing signs of being a master at maths.



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# Mathematics

Less on	Activities
1	Using a Pair of compasses to accurately construct.
2	Bisecting a line and finding the circumcentre of a triangle.
3	Practical construction problems.
4	Basic origami skills, including building a cube from 6 pieces of paper.
5	Use of Isometric paper to draw 3d shapes when given plans and elevations.
6	Experimental and theoretical probability.
7	Hypothesis testing.
8	Using Microsoft Excel to represent the data graphically and make conclusions based on these graphs.
9	Investigating the process of finding the inverse of a function, leading to solving simple equations.
10	Spotting the pattern in a sequence, using algebra to predict later terms in the sequence.



# Science

- The course will develop your child's practical and analytical skills in a Scientific context.
- We will be discussing the Digestive System.
- We will be investigating: What's in Our Food?
- There will be KS3 and KS4 Science concepts involved, so it is aimed to expand their knowledge and stretch the most able.
- Towards the end of the programme the students will present their findings.
- Individuals who complete the programme will receive a reward for their efforts.
- Overview of the sessions follows on the next slide.





# Science- Overview

Lesson	Activities
1	Introduction to the Lab
2	Introduction to the Digestive System
3	What is in our Food Investigation- research
4	What is in our Food Investigation- practical
5	What is in our Food Investigation- practical
6	Analysing Results to produce Graphs
7	Analysing Results to make Conclusions
8	Evaluating Investigations
9	Presenting our Findings
10	Planetarium Visit



# History

## WHERE DO WE START?

1066



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# History

## WHAT IS OUR FOCUS?



To understand what Medieval castles were like and how they evolved over time.



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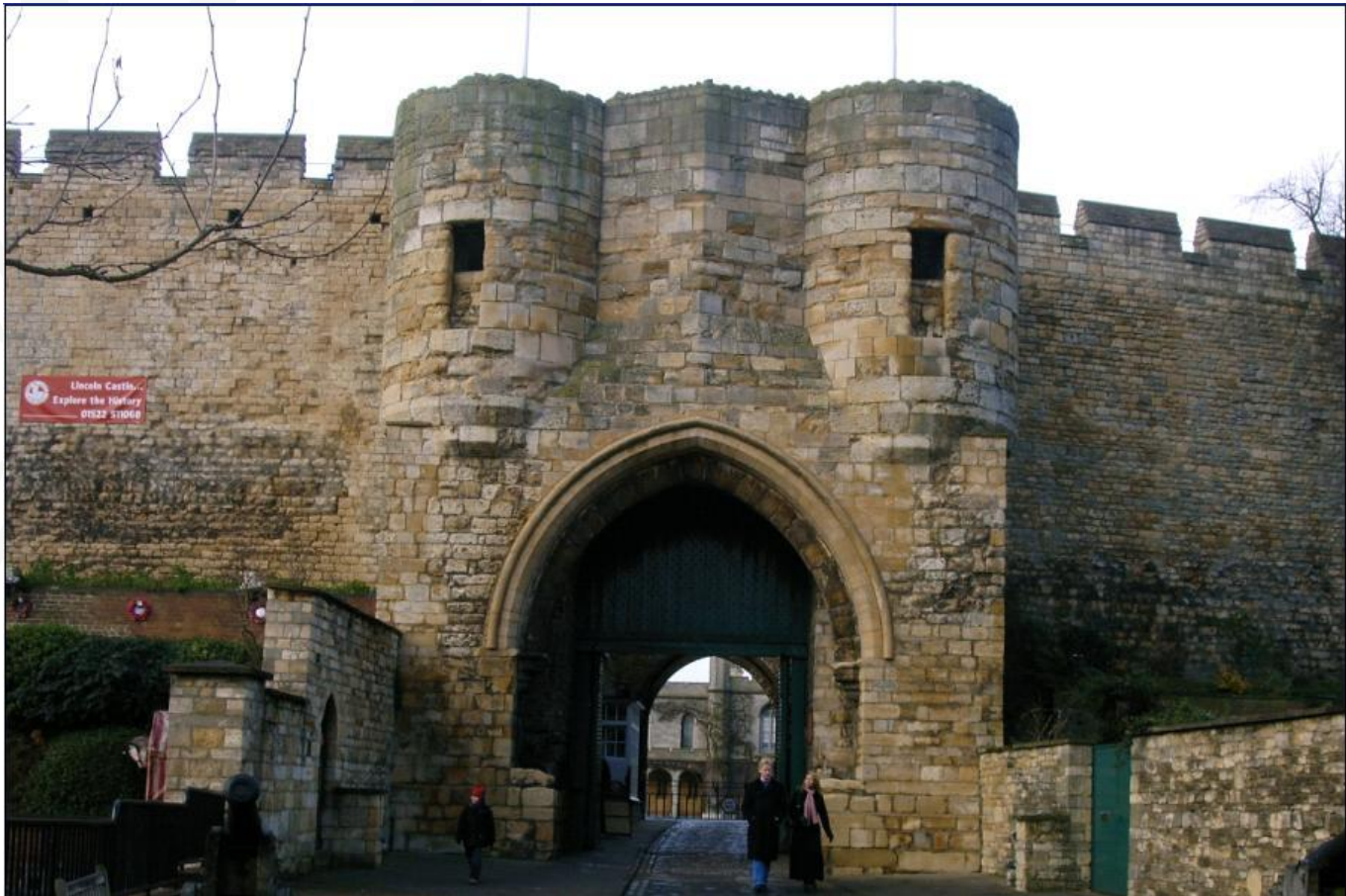
To describe, analyse and evaluate different methods of attacking a castle





# History

## A LOCAL EXAMPLE: LINCOLN CASTLE

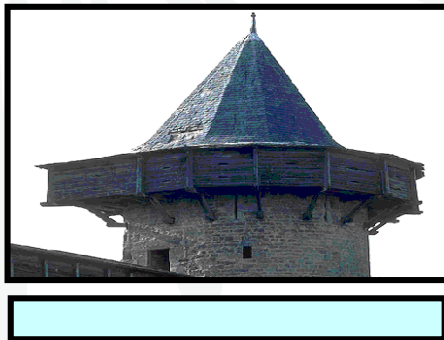
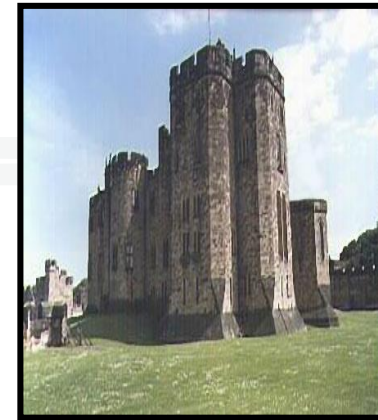


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# History

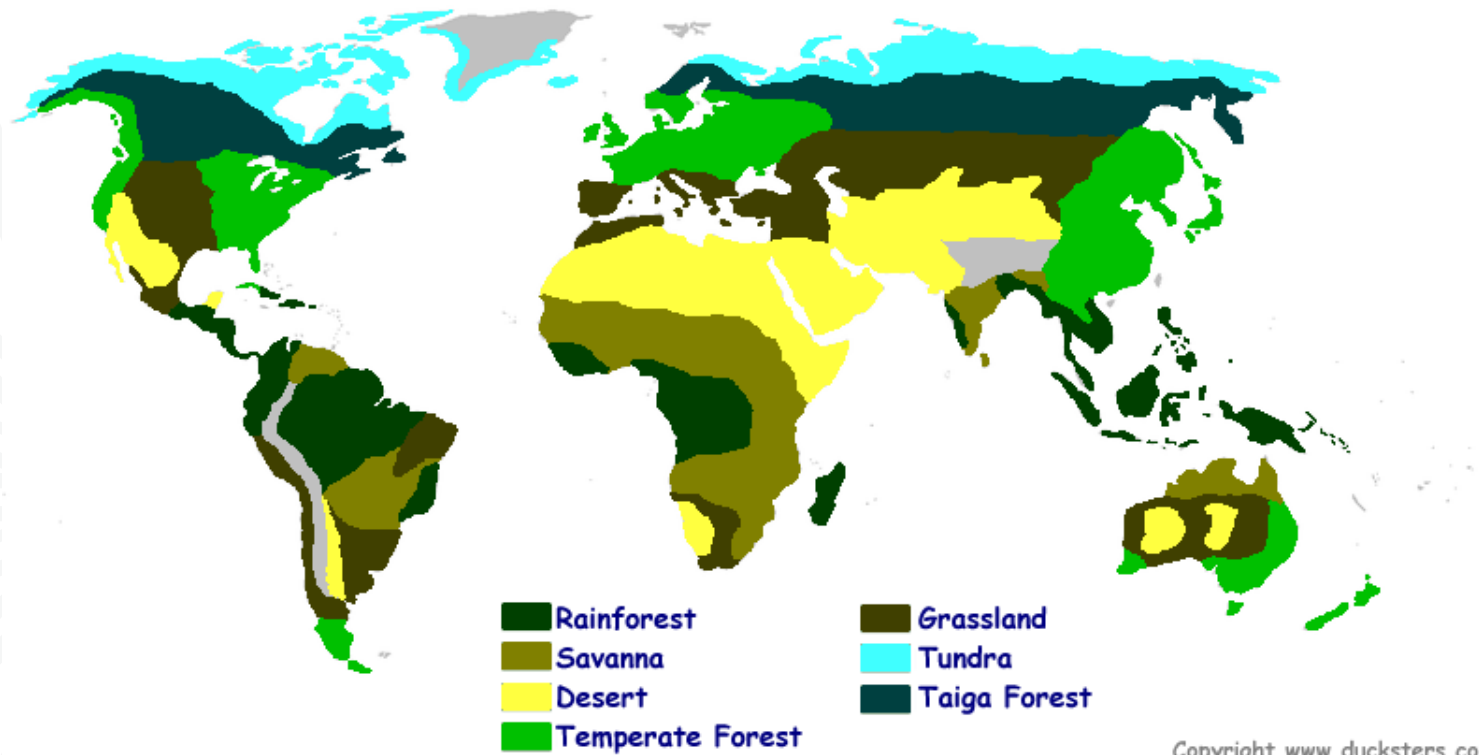
## WHERE DOES IT ALL END?

Using all they have learned, design the best possible castle using limited resources.



# 7,000 GROATS

# Geography



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# Characteristics



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# Threats



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# Management



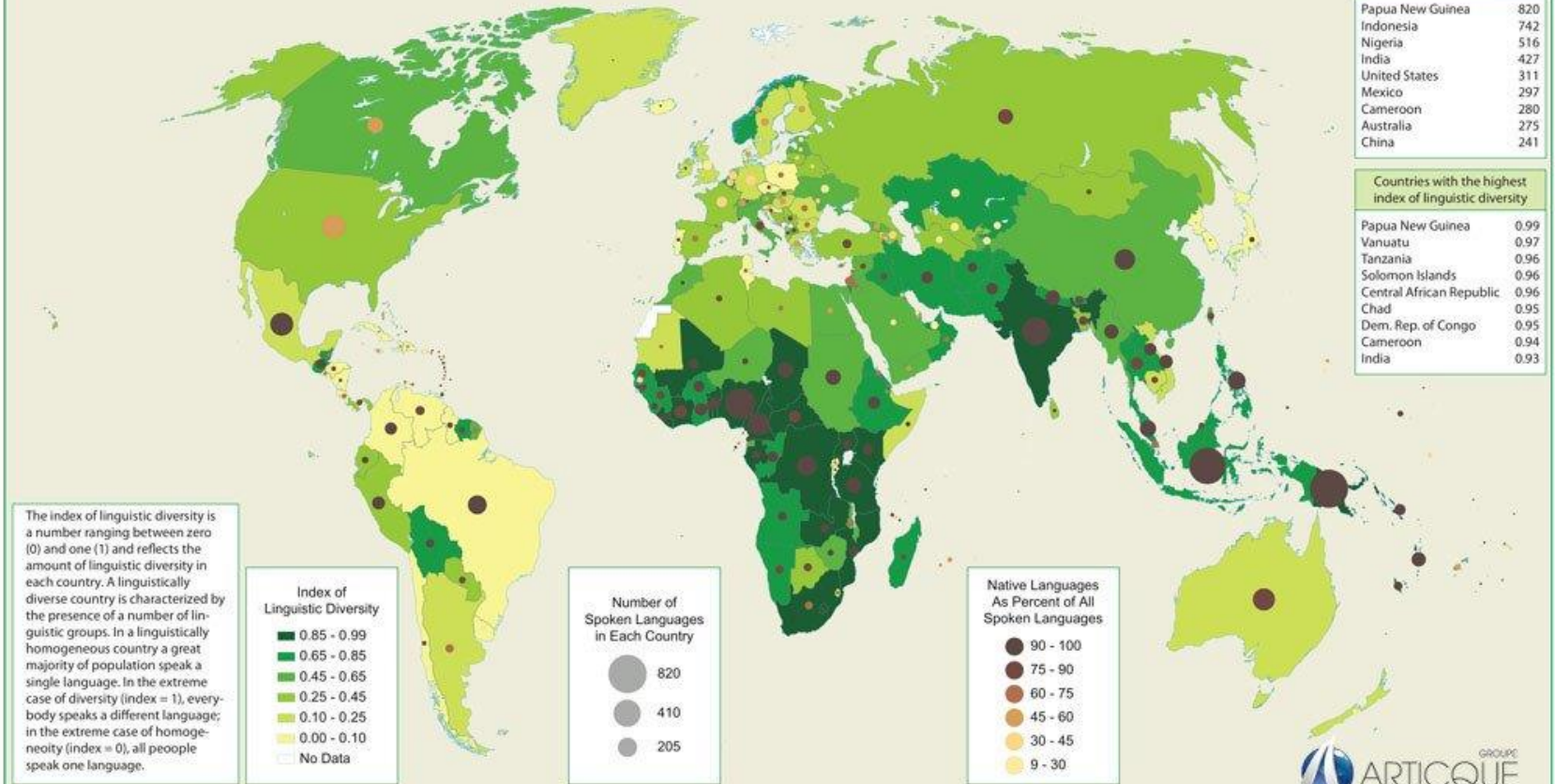
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# Modern Foreign Language

- **FRENCH- 5 hours**
- Students will discover new French vocabulary and develop valuable language skills through the topic of the “Le Royaume des Animaux!” (the animal kingdom). Fun, singing and competition guaranteed!
- **GERMAN- 5 hours**
- Students will discover the fabulous language of German in 5 sessions covering topics such as introducing myself, numbers, pets, food and the culture & traditions of Germany. Even more fun guaranteed!



# Linguistic Diversity Around the World



Data source: [www.ethnologue.com](http://www.ethnologue.com)

Cartographic source: Articque

ARTICQUE  
SOLUTIONS  
Cartography and design: Kazimierz J. Zaniewski

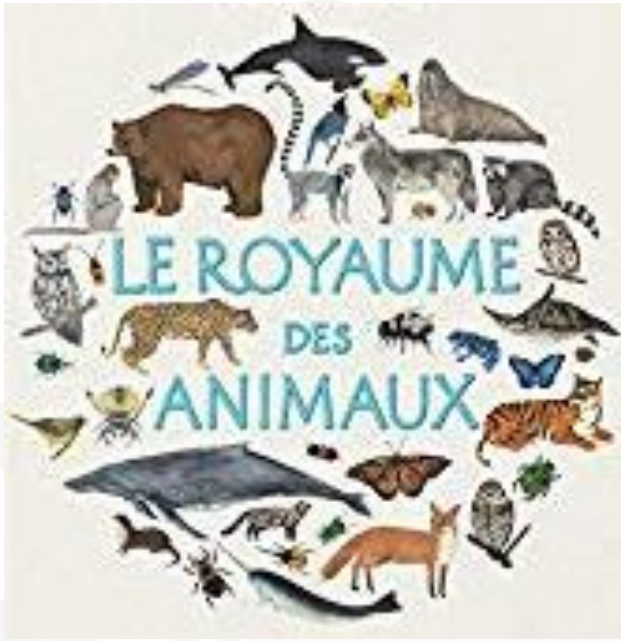


# Bienvenue au Royaume des Animaux!

Find out.....

- The weird and wonderful names for our beloved creatures in French.
- What sounds animals make in French!
- How to describe pets and creatures (both real and imaginary)!

**Gain important language skills all whilst competing, singing and having lots of fun!**



**Ouaf Ouaf!**



# WILLKOMMEN IN DEUTSCHLAND!

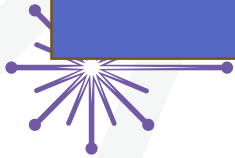
Find out.....

- What it is like to learn a Modern Foreign Language in a secondary school.
- How to talk about yourself!
- How to describe pets and family!

**Gain important language skills all whilst competing, singing and having lots of fun!**



**Wuff Wuff!**



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# How to apply?

- Complete the application form that is available tonight.
- Please place your completed application form in the box provided before you leave tonight or return to the academy no later than Friday 1<sup>st</sup> November 2019.



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# Assessments

- Assessments will take place on Saturday 23<sup>rd</sup> November 2019
- Your child will sit a baseline test in the subject which they would like to study
- The test will last approximately 45 minutes
- Arrive at the Sixth Form Common Room no later than 8.45am to start the test at 9.00am (English, Science, Geography)
- Arrive at the Sixth Form Common Room no later than 10.00am to start the test at 10.15am (Maths, History, MFL)
- The test will take place in the New Hall
- Parents can wait in the Sixth Form Common Room during the assessment
- Food and drinks will be available to purchase for parents in the Sixth Form Common Room (cash only)



# What happens next?

- The assessments will be marked and the top 20 performing students in each subject will be successful in gaining a place on the programme of their choice.
- Parents will be notified in writing by the end of December whether their child has been successful or not.
- Masterclass Café for parents – Tuesday 4.00pm-5.00pm in the KS3 restaurant during Masterclass.



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Thank you



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