



Home Learning – Week commencing 27.04.20

Year 4

Dear Parents. We will be going live with Tapestry next week – further details are in today’s email (24.04.20). This tool will enable children to be in touch with their teachers and receive feedback on their work. We seek to provide daily, meaningful learning activities that parents can provide some level of support with. We hope children will be encouraged to maintain their learning through the activities below as much as possible. Please can all recorded work be completed in the blank exercise book that has been sent home, apart from where the task dictates otherwise. Please use this area of our website for useful information: <http://bathwickstmary.org/home-learning-resources-2/> Please feel free to adapt or change the activity for your child if appropriate. Thank you for your on-going support. Mr. Purkiss

Dear Year 4,

I hope you all enjoyed last week’s learning and have enjoyed starting our new topic for the term ‘Amazing Africa!’. I’m really excited this week as you are now going to be able to show me all of your wonderful learning on Tapestry. Please do send through videos or pictures to show me what you have been up to! I’m going to be sending the odd video as well to say hello and see how you are getting on. I hope you all have a fantastic week and enjoy your learning.

Mrs Williams

	English	Maths	Topic
1	<p>We’re still looking at the video ‘Zahra’.</p> <p>Watch the clip: https://www.youtube.com/watch?v=Lxk-MzIq2ok</p> <p>As you watch can you gather all the verbs? What is she doing? Can you write a sentence about Zahra using a present tense verb and a past tense verb? E.g. Zahra is strong because she pushed the heavy, metal lever on the well up and down very quickly. Can you also include expanded noun phrases?</p> <p>Today, I want you to plan a newspaper report about what has been happening to Zahra and her tree. Use a spider diagram to write down all of your ideas that you can use. Tomorrow you will be writing your report using the plan. Below is the checklist of things you should include in a newspaper report:</p> <ul style="list-style-type: none"> • The name of the newspaper • A headline that uses a pun, rhyme or alliteration • A subtitle which gives a bit more information about what the report is about • The reporter’s name • An introductory paragraph containing the 5 Ws (what, where, when, who, why) • Information about the main events presented in chronological order • Pictures with captions • Written in the third person and in the past tense • Direct and reported speech • Formal language • Rhetorical Questions 	<p>Today you are going to compare decimals using greater than, less than and equals. Complete the questions below: If you would like a challenge, can you create some of your own questions for an adult to complete?</p> <p>5.5 ○ 5.7</p> <p>0.14 ○ 0.29</p> <p>1 ○ 0.64</p> <p>3.32 ○ 3.23</p> <p>0.37 < 0.7</p> <p>2.22 > 2.2</p> <p>1.1 > 1.1</p> <p>9.9_ < 9.9_</p>	<p>Geography</p> <p>Use the slides to learn about Western Africa. You are going to be investigating the country of Nigeria. Attached to this document are the resources you need for playing the game. If you can’t print any of the resources, don’t worry. Have a go at creating your own board game in your book and ask an adult to write some question cards. Or, you could research the answers to the questions I ask you to create.</p>  <p>If you’re feeling confident and have some spare time, maybe you could create a poster or fact file about Nigeria?</p>

- A conclusion paragraph to explain what might happen next

2 Today you are going to write your newspaper report using yesterday's plan. Keep referring back to the checklist above. How many of those features can you include in your writing?



Investigation

Use each digit card **once** to make the statement correct.



$$\underline{3}.\underline{\quad}\underline{\quad} > \underline{\quad}.\underline{\quad}\underline{\quad}$$

Can you find eight different possible solutions?

R.E.

'What is it like to be a Jew?' Today you are going to be learning about the main beliefs in Judaism.

Watch the video below:
<https://www.youtube.com/watch?v=aX28nAB457A&safe=tr>

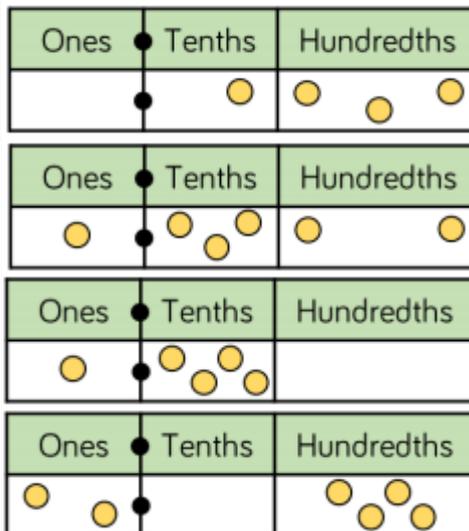
Jews believe there is only one God and the ten commandments are the rules Jews believe we should live by.

Can you challenge yourself to remember the ten commandments? Maybe you could make up a song or a rhyme to help you? You may also want to act one of the commandments out and see if someone else in your family can guess which one it is. Or, maybe you're more confident using art and drawing to represent the commandments. Can you draw something for each one?

3 Today you are going to write a description of the setting from the video clip. Use this list to include some

- What can be seen?
- What can be heard?
- What can be felt?
- Describe the time of day
- Describe the weather
- Use powerful adjectives to describe the atmosphere/mood

Today you are going to be ordering decimals. The decimals represented in the place value grid have been placed in ascending order. This means they increase in size.



Can you place the following numbers in **descending** order? You can put the decimals into a place value grid like the one above to help you.

If you're feeling confident, challenge yourself to create a random selection of decimals (or ask an adult) and try putting them into ascending order then descending order. You could also create 'spot the mistake' questions – create a sequence of decimals but include a mistake then ask an adult to spot it!

Science

Using the webpage read and watch, 'What is classification?' and 'What is a vertebrate?'.

<https://www.bbc.co.uk/bitesize/topics/zn22pv4/articles/z3nbcwx>

once you have read all of the information and watched the video clips, complete the 'Vertebrates Activity Sheet' below.

CHALLENGE

The activity you have just done uses a kind of classification key. Can you have a go at making up your own questions for a classification key? Maybe an adult or someone else in your house can solve it?

<p>4</p>	<p>Today you are going to practice punctuating direct speech. Using the video clip, you or an adult can pause the clip at different points throughout. When it's paused, can you write what Zahra might say.</p> <p>Don't forget to use inverted commas and challenge yourself to choose a powerful verb instead of said. Here is an example: Zahra yelled, "Why won't my tree grow!".</p> <p>Look carefully at the punctuation I have used. Are you including the same in your sentences?</p>	<p>Have a look at the problem below:</p> <div style="border: 1px solid orange; padding: 5px;"> <p>Some children have planted sunflowers and have measured their heights.</p> <table border="1"> <thead> <tr> <th>Child</th> <th>Height</th> </tr> </thead> <tbody> <tr> <td>Beth</td> <td>1.23 m</td> </tr> <tr> <td>Tony</td> <td>0.95 m</td> </tr> <tr> <td>Rachel</td> <td>1.02 m</td> </tr> <tr> <td>Kate</td> <td>1.2 m</td> </tr> <tr> <td>Faye</td> <td>99 cm</td> </tr> <tr> <td>Emma</td> <td>0.97 m</td> </tr> </tbody> </table>  <p>Order the children based on the heights of their sunflowers in both ascending and descending order.</p> </div> <p>Once you have completed the question, can you make up your own questions based on this one? Try to challenge yourself to have a broad range of numbers.</p>	Child	Height	Beth	1.23 m	Tony	0.95 m	Rachel	1.02 m	Kate	1.2 m	Faye	99 cm	Emma	0.97 m	<p style="text-align: right;">French</p> <p>Please see email for log in details. Use the website below: https://www.linguascope.com/</p> <ul style="list-style-type: none"> Go to the beginner section Click on the French flag 'Moi et ma famille' 'Mes animaux'
Child	Height																
Beth	1.23 m																
Tony	0.95 m																
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Emma	0.97 m																

<p>5</p> <p style="text-align: center;">Spelling</p> <p>Look at the spelling rule for the week – prefixes. Using the words on the list, can you write them colouring the prefix in a different colour. For example:</p> <p style="text-align: center;">disobey inactive</p>	<p style="text-align: center;">Times table focus</p> <p>This week you are going to be focussing on the 8 times tables. Can you create a '8 Times Table' rap or song? Maybe you've got some dance moves to go along with it? Supermovers might inspire you: https://www.bbc.co.uk/teach/supermovers/ks2-maths-the-8-times-table-with-filbert-fox/z4mrhbk</p>	<p style="text-align: center;">ICT</p> <p>This is your time to get to know 'Tapestry'. This is how you are going to be able to show me what you have been up to and all of your wonderful learning. Take some time to choose some photos or videos to upload today for me to have a look at. Have you done something this week that you're really proud of? Have you had to persevere with learning something new? I'm really looking forward to seeing it all Year 4 😊</p>
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Daily activities and practice:

<p>Daily reading: Please record this in your reading diary. Can you write an extended book review for every book you complete, or draw a picture of a key part of the story?</p>	<p>Daily spelling/phonics practice: Look at spelling rule 4 (prefixes) from the website below. https://spellingframe.co.uk/spelling-rule/10/3-The-sound-spelt-ou Use the 'Spelling Tiles' section to help you learn the words throughout the week. On Friday, there is a lesson linked to these spellings. Use this opportunity to test yourself on the website in the 'Practice/Test' section or ask an adult to test you.</p>	<p>Daily Times tables/mental maths: Please practice the following times tables, ensuring you know the inverse operation for each (e.g. divide). Year 3-6: https://play.trockstars.com/auth/school/student/32670 Year 1-2: https://www.topmarks.co.uk/maths-games/hit-the-button</p>	<p>What can you do to be active and get fresh air and exercise? Daily at 9am, Joe Wicks is still delivering 30 minutes of exercise. https://www.youtube.com/channel/UCAxW1XT0iEJo0TYlRfn6rYQ Super Pirates have a great choice of fun active session via their YouTube. You can access a range of activities through the link below: https://www.youtube.com/channel/UC5nV9gt3QP03_FzVsk57SNg</p>
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Weekly Extension Project / Challenge Activity

Remember last week when you investigated some African instruments? Hopefully you kept aside some recycling materials too! If not, don't worry you can start gathering it this week. You're going to explore kalimbas! Do you remember what they were made from? How were they played? How does it make a sound? Why are the keys different lengths?

A kalimba is a lamellophone which dates back to 1000 BC. It originates in central Africa although it can be found across the continent particularly in the south.



A kalimba is often made from a hollow wooden box or bowl with a hole in the top near the keys (or tines) which acts as a resonator. This makes the sound of the instrument louder and clearer.

It is played by plucking the keys with your thumbs. This is why they're also known as thumb pianos. The keys are the parts which vibrate, creating the sound. Click the picture to hear a kalimba being played. What do you think of the sound?



The keys are attached securely and strongly to the base so they are slightly raised. This makes them easier to play but also allows them to vibrate in the right way. If they were not attached securely the sound would be affected. The length of the keys is selected carefully to tune the instrument to have different pitches or notes. The length of each key determines how high or low the note it produces is. You are going to investigate different materials to build a kalimba and use this research to design your instrument. What would a successful kalimba look like? What would it sound like? What would it be able to do?

Discuss these ideas with a partner and come up with three criteria to use as design criteria for your kalimbas.

Use the sheet below to help with your investigation.

Exploring Africa Board Game

HOW TO PLAY

You will need:

- A counter each
- A dice
- A Game Card
- A set of Question Cards



Rules:

- Place your counter on any square to start.
- Take it in turns to roll the dice and move that number of squares.
- You can only move horizontally or vertically, not diagonally. You can only move in one direction each turn, unless you can't move any further in which case you can change directions.
- Each time you land on a square, another player asks you a question from the Question Cards. If you get that question right, you can colour in the corresponding letter on your Game Card.
- The first player to complete their Game Card wins.

N	I	G	E	R	I	A
I	G	E	R	I	A	N
G	E	R	I	A	N	I
E	R	I	A	N	I	G
R	I	A	N	I	G	E
I	A	N	I	G	E	R
A	N	I	G	E	R	I

Game Cards



Every time you land on a letter and get a question right, colour in the corresponding letter below. The first player to colour all their letters wins!

N	I	G	E	R	I	A
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Every time you land on a letter and get a question right, colour in the corresponding letter below. The first player to colour all their letters wins!

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N	I	G	E	R	I	A
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Question Cards

<p>Nigeria is the most populous country in Africa, meaning more people live here than any other African country. TRUE OR FALSE?</p> <p>ANSWER: It's true. Nigeria has a population of approximately 190 million. It is the seventh most populous country in the world.</p>	<p>There are more than 400 different ethnic groups in Nigeria. TRUE OR FALSE?</p> <p>ANSWER: It's false. There are around 250 different ethnic groups, making it a very diverse country.</p>
<p>It is estimated that more than 500 languages are spoken in Nigeria. TRUE OR FALSE?</p> <p>ANSWER: It's true. The official language of Nigeria is English but there are many different languages spoken, especially in more rural areas.</p>	<p>What is the capital of Nigeria? A) Lagos B) Kano C) Abuja</p> <p>ANSWER: It's Abuja. Lagos used to be the capital between 1960 and 1975 but Abuja is the capital today.</p>
<p>What currency is used in Nigeria? A) Euros B) Yen C) Naira</p> <p>ANSWER: It's naira. There are 100 kobo in one naira and 500 naira is about the same as £1.</p>	<p>What is the most popular religion in Nigeria? A) Islam B) Buddhism C) Christianity</p> <p>ANSWER: It's Islam. Around half of the population in Nigeria is Muslim, and 40% are Christian.</p>
<p>How many countries share a border with Nigeria? A) Four B) Five C) Six</p> <p>ANSWER: It's four. Benin, Cameroon, Chad and Niger all share a border with Nigeria.</p>	<p>Nigeria is the about the same size as the United Kingdom. TRUE OR FALSE?</p> <p>ANSWER: It's false. Nigeria is nearly four times bigger than the UK with an area of 923,768 km².</p>
<p>Nigeria has rainforests. TRUE OR FALSE?</p> <p>ANSWER: It's true. The centre of Nigeria has a tropical climate which has areas of rainforest.</p>	<p>What is the average life expectancy in Nigeria? A) 54 years B) 64 years? C) 74 years?</p> <p>ANSWER: It's 54 years. The life expectancy in the UK is 81 years.</p>

Which of these best describes the climate in Nigeria?

- A) Temperate
- B) Tropical savannah
- C) Tundra

ANSWER: It's tropical savannah. Nigeria has a semi-arid climate in the north and monsoon climate in the very south but most of the country has a warm, tropical climate.

Nigeria does not have supermarkets.
TRUE OR FALSE?

ANSWER: It's false, but supermarkets are mainly found in large cities and they are very expensive. Most Nigerians buy fresh produce in local markets.

Deforestation in Nigeria is happening at one of the fastest rates in the world.
TRUE OR FALSE?

ANSWER: It's true. Forests now cover less than 10% of the land, whereas 20 years ago, this rate was more like 20%. This has, in turn, threatened many species of wildlife and plants.

How long have humans lived in Nigeria for?

- A) More than 300 years
- B) More than 3000 years
- C) More than 13,000 years

ANSWER: It's more than 13,000 years. Nigeria is one of the oldest places to have human habitation.

Out of every ten children in Nigeria, how many go to primary school?

- A) 4 in 10
- B) 6 in 10
- C) 10 in 10

ANSWER: It's 6 in 10. This means nearly five million primary-aged children do not go to school.

Out of a population of around 190 million, approximately how many Nigerians live in poverty?

- A) 26 million
- B) 58 million
- C) 84 million

ANSWER: It's 84 million. There is a massive divide between rich people and poor people in Nigeria.

Using your left hand for many things is considered rude in Nigeria.
TRUE OR FALSE?

ANSWER: It's true. Eating with your left hand, shaking someone's hand or passing something to someone with your left hand is considered a no-no.

More films are produced in Nigeria than Hollywood.
TRUE OR FALSE?

ANSWER: It's true. Nigeria has a booming movie industry known as Nollywood. It produces fewer films than Bollywood (the nickname for India's film industry) but more than Hollywood.

The Yoruba tribe of Nigeria has the highest rate of twin births in the world.
TRUE OR FALSE?

ANSWER: It's false. The Yoruba tribe does have a very high rate of twin births but it is thought that Benin has the highest twin rate.

Britain gained power over Nigeria in 1914. In what year did Nigeria become an independent nation?

- A) 1960
- B) 1980
- C) 2000

ANSWER: It's 1960. There was a lot of fighting after the independence and a president wasn't elected until 1993.

The River Niger, which runs through Nigeria, is the longest river in Africa.
TRUE OR FALSE?

ANSWER: It's false. It is the longest river in Western Africa but the longest river in all of Africa is the River Nile.

What percentage of the land of Nigeria is covered by the Niger Delta?
A) 2.5%
B) 7.5%
C) 12.5%

ANSWER: It's 7.5%. The Niger Delta is the third largest delta in the world.

Out of every five children in Nigeria, how many of them are under a healthy weight?
A) 1 in 5
B) 2 in 5
C) 4 in 5

ANSWER: It's 1 in 5. Despite having a strong economy and plenty of natural resources, there is still a lot of poverty.

For every 100 people in Nigeria, how many have access to the internet?
A) 25 in 100
B) 50 in 100
C) 75 in 100

ANSWER: It's 25 in 100. In the UK, this figure is more like 95 in 100.

Which commodity is Nigeria's biggest export?
A) Oil
B) Diamonds
C) Cocoa

ANSWER: It's oil. Nigeria can produce more than two million barrels of oil every day from its reserves in the Niger Delta.

Nigeria produces more than one hundred types of food crop. Which is produced the most?
A) Yam
B) Cassava
C) Cocoa

ANSWER: It's cassava. Nigeria is the biggest producer of cassava, a root vegetable, in the world.

About a quarter of all the land in Nigeria is used for farming and agriculture.
TRUE OR FALSE?

ANSWER: It's false. More than three quarters of the land in Nigeria is used for farming.

Nigeria is split into 36 different states, each with its own capital city and governor.
TRUE OR FALSE?

ANSWER: It's true. Each state shares power with the main federal government of Nigeria.

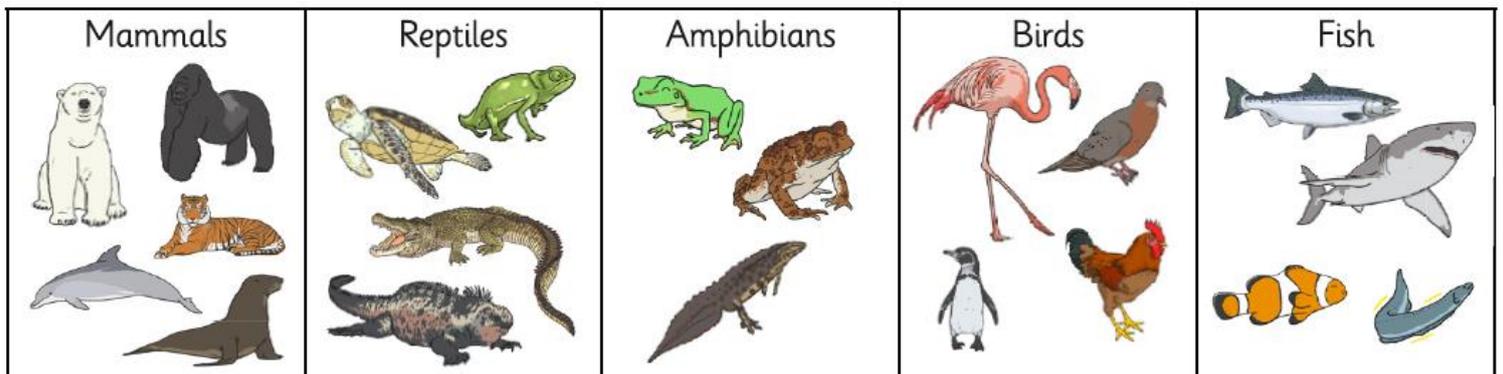
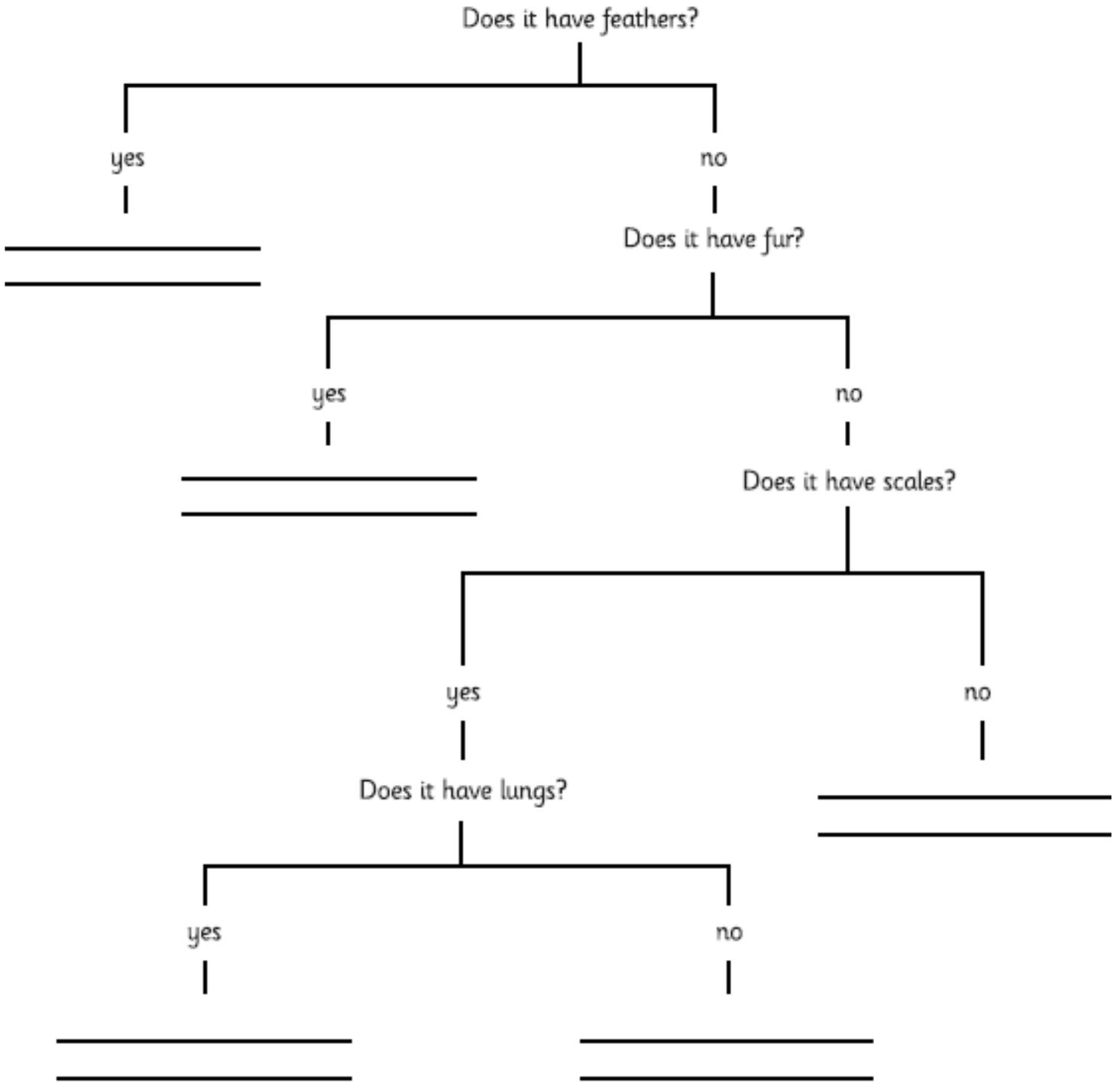
There are no mountains in Nigeria.
TRUE OR FALSE?

ANSWER: It's false. There are lots of mountain ranges in Nigeria. The highest mountain is Chappal Waddi which has an elevation of 2149 metres.

The largest lake in Nigeria is Lake Chad.
TRUE OR FALSE?

ANSWER: It's true. Lake Chad straddles the borders of Nigeria, Chad, Cameroon and Niger. There are more than 50 lakes in Nigeria.

Vertebrates Activity Sheet





As you test each material, rate them out of five in the different areas in the charts below. Think about the advantages and disadvantages of using each material for kalimba keys and choose one to include in your final design.

Material:	
Strength	/5
Sound quality	/5
Ease of use	/5
Appearance	/5

Material:	
Strength	/5
Sound quality	/5
Ease of use	/5
Appearance	/5

Material:	
Strength	/5
Sound quality	/5
Ease of use	/5
Appearance	/5

Material:	
Strength	/5
Sound quality	/5
Ease of use	/5
Appearance	/5

I will use _____ in my final design because...
