

**Year 5**  
**Home Learning 8**

Here are some topics which you can work from at home. All work can be recorded in a way you choose.  
The theme for this week is **Spain**

Each day we put a 'Word of the Day' on the grid below. See if you can:

- *Find the definition*
- *Use the word in a sentence*
- *List any synonyms*
- *List any antonyms*
- *Use the word in a different context*
- *Use an image to represent the word - be creative!*

Please keep looking on your online resources whenever you get the opportunity they are:

- MyMaths
- TT Rockstars
- Spelling Shed


Also, remember to read daily, this will help with your English skills.


**Website of the Week:**

<https://uk.ixl.com/math/year-5>

A website full of mathematical games!

Please check below your home learning grids for attached activities.

		English	Maths	Physical	Science	Creative
<p style="text-align: center;"><b>Monday</b></p> <p style="text-align: center;"><i>Word of the Day – curiosity/curious</i></p>		<p><b>Reading and Research</b> You are going to be learning all about the country Spain!</p> <ul style="list-style-type: none"> <li>Look at the different parts of the country you could do this on the internet or do you have any travel books?</li> <li>Call up a family member or friend, have they been to Spain? Could they tell you about their trip?</li> <li>Compare Spain to England, are there any similarities or differences? Are there different traditions? Any festivals that take place? <ul style="list-style-type: none"> <li><a href="https://www.bbc.co.uk/cbbc/search?q=Spain&amp;filter=bitesize">https://www.bbc.co.uk/cbbc/search?q=Spain&amp;filter=bitesize</a> follow the link to the BBC Bitesize website which has lots of information.</li> </ul> </li> </ul>	<p>Please see below for activities. Complete one each day.</p> <p>You also have MyMaths and TT Rockstars work.</p> <p>This website is also great and gives you daily activities revising all of the things you have learnt in Year 5. You could use them as daily starters. <a href="https://myminimaths.co.uk/year-5-mini-maths/">https://myminimaths.co.uk/year-5-mini-maths/</a></p> <p>Also, don't forget the fantastic resources on the new BBC Bite size website. Just click on Year 5 and it is full of exciting activities not just for maths but for all subjects. <a href="https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1">https://www.bbc.co.uk/bitesize/tags/zhgppg8/year-5-and-p6-lessons/1</a></p> 	<p>They have a tradition in Spain where they have a Spanish bull chase. You may have found this out through your research already...</p> <p><b>Make sure you warm up and cool down to ensure you don't injure yourself.</b></p> <p>Your Physical task today focuses on dodging skills.</p> <p>Dodge some obstacles in your garden like you are in a Spanish bull chase.</p> <p>Lay out a circuit to dodge.</p> <p>Could you change the obstacles to make it more of a challenge? What did you change? Could you time it?</p>	<p>England and Spain can really differ in temperature. You are going to investigate heat in different ways!</p> <p>Testing temperatures effects.</p> <p><b>Experiment-</b> You need adult supervision for this! You need 3 cups. Fill one with boiling water, one with room temperature and one with ice and water. Add a drop of food colouring to each and observe what happens.</p> <p><b>Can you answer these questions?</b> What happens to the drop of food colouring? Does the food colouring behave the same in each of the jars? Why or why not? What is different about the jars? What can you say about the relationship between heat and the movement of molecules?</p>	<p>Design your own flamenco outfit based on traditional Spanish dress.</p> <p>You could also create your own castanets</p> <p><a href="https://www.education.com/download-pdf/activity/17695/">https://www.education.com/download-pdf/activity/17695/</a></p> <p>or see activity attached at the bottom of the page.</p>

<p style="text-align: center;"><b>Tuesday</b></p>	<p style="text-align: center;"><b>Word of the day – temperature</b></p>	<p style="text-align: center;"><b>SPaG</b></p> <p>Complete the SPaG activity attached.</p> <p>Please complete the activities on Spelling Shed.</p> <p><b>Extension –</b> Learn all of the numbers up to 20 in Spanish.</p> <p>Teach a member of your family some basic Spanish. Have a basic conversation with them.</p>	<p><b>Extension task –</b> Create a line graph comparing the temperatures of England and Spain during the seasons.</p>	<p>Flamenco dancing is the traditional dance of Spain. Do some Flamenco dance...</p> <p><a href="https://www.youtube.com/watch?v=RhHFmbYaVAI">https://www.youtube.com/watch?v=RhHFmbYaVAI</a></p> <p>This link has a great step by step guide and background information on all the moves!</p>	<p>Building upon yesterday's Science work you could create your own Thermometer...</p> <p>Follow this link on how to do it!</p> <p><a href="https://www.fizzicseducation.com.au/150-science-experiments/kitchen-chemistry-experiments/make-a-simple-thermometer/">https://www.fizzicseducation.com.au/150-science-experiments/kitchen-chemistry-experiments/make-a-simple-thermometer/</a></p>	<p>Create the Spanish flag.</p> <p>You could do this in any way you like Draw it? Collage? Paint? Sew?</p> <p>Maybe you could make some Spanish bunting?</p> 
		<p style="text-align: center;"><b>Wednesday</b></p>	<p style="text-align: center;"><b>Word of the Day – foreign</b></p>	<p style="text-align: center;"><b>Writing Day</b></p> <p>Write a fact file about the city of Barcelona.</p> <p>Does it have any interesting features? How many people live there? Where is it located?</p> <p><b>Extension –</b> Please complete the comprehension attached. About the work of Gaudi.</p>	<p><b>Extension task –</b> Create some word problems replacing any numbers you write with their Spanish name. See if your family can work any out?</p>	<p>Go on a walk around your local area. Look at the scenery, do you think Spain would look like England?</p>

<p style="text-align: center;"><b>Thursday</b></p>	<p style="text-align: center;"><b>Word of the Day – community</b></p>	<p><b>Writing Day</b> <i>(This can be spread over 2 days)</i></p> <p>You are going to write a travel book all about Spain.</p> <p>Use thesauruses and dictionaries to try to collect rich and ambitious vocabulary.</p> <p>Remember you are writing to persuade people to come to Spain, so use your persuasive writing checklist from the previous week.</p> <p>You also need to include factual information</p> <p>Do a mind map on the cities you are going to talk about:</p> <ul style="list-style-type: none"> <li>• Think about their populations.</li> <li>• Their features.</li> <li>• Their locations</li> <li>• Similarities and differences.</li> </ul> <p>You are going to present it as a book so you need images to accompany your writing.</p>	<p><b>Extension task –</b></p> <p>You are going on holiday to Spain. Create a shopping list of things you will need for your holiday. Convert the price of the items into Euros.</p>	<p>Like in England the Spanish love their football. Could you have a match with members of your family?</p> <p>Set up a football obstacle course, focus on dribbling and passing. Set up some goals, dribbling around the obstacles and see if you can score?</p>	<p>Why are houses in Spain painted white?</p> <p>Use this experiment to answer this question.</p> <p><b>Experiment -</b> Wrap white paper around a glass using an elastic band. Do the same with the black paper around a second glass. Fill the glasses with the exact same amount of water. Leave the glasses out in the sun for a couple of hours before returning to measure the temperature of the water in each.</p>	<p>Make your own version of Spanish Paella.</p> <p>see below for the recipe.</p> <p>You could also try and make a Spanish omelette.</p> <p>Again see below for the recipe.</p>
		<p style="text-align: center;"><b>Friday</b></p>	<p style="text-align: center;"><b>Word of the Day – pronunciation</b></p>	<p><b>Spelling Day</b></p> <p>Choose 10 different Year 5 spelling words and write a paragraph which includes them all.</p> <p>Can your paragraph have a Spanish theme?</p> <p>This website has great spelling games <a href="https://uk.ixl.com/ela/year-5">https://uk.ixl.com/ela/year-5</a></p>	<p>Complete the obstacle course you did at the star of the week. Could you incorporate the football skills you have learnt? Maybe add a flamenco dance move in the middle of it?</p>	<p>England can be a lot colder than Spain. Why do you think that is?</p> <p>Compare the temperatures in Spain and England through the different seasons. Investigate why they might differ.</p>

### Comprehension

Antoni Gaudi is one of the world's best-known architects. He is regarded by some as a great master of modernism. Millions of tourists visit his major works in Barcelona each year, including Güell Park, Sagrada Familia and Casa Milà.



Gaudi was born in a small village in Tarragona in 1852. He is said to have been a good student and it is reported that he loved to learn from the infinite wealth of textures and shapes that could be found in nature. When Gaudi discovered his vocation for architecture, he moved to Barcelona to attend university. On his graduation day, a professor is said to have commented, "I don't know if we have in front of us a genius or a madman."

Soon after beginning his professional career, Gaudi received an assignment that would change his life. A group of people had decided to build a church but the project wasn't working as they intended. They employed Gaudi, who was a religious and talented young man, to transform the project. He constructed the Sagrada Familia.

Today, Sagrada Familia is still under construction, just as it has been since 1882. It is estimated that it will finally be finished by 2026. Gaudi is reported to have said that natural things need their time to grow. Despite his death in 1926, construction still continues.

Gaudi created many other buildings. As he never travelled outside of Spain, most of his work can be found in Barcelona, such as Casa Batlló and Casa Milà which are on one of the main avenues of the city. The unconventional nature of these buildings was controversial at the time that they were built. Outside Catalonia, we can find El Capricho in Comillas, the Episcopal Palace in Astorga and Casa Botines in León. He also remodelled the Cathedral of Palma in Mallorca.





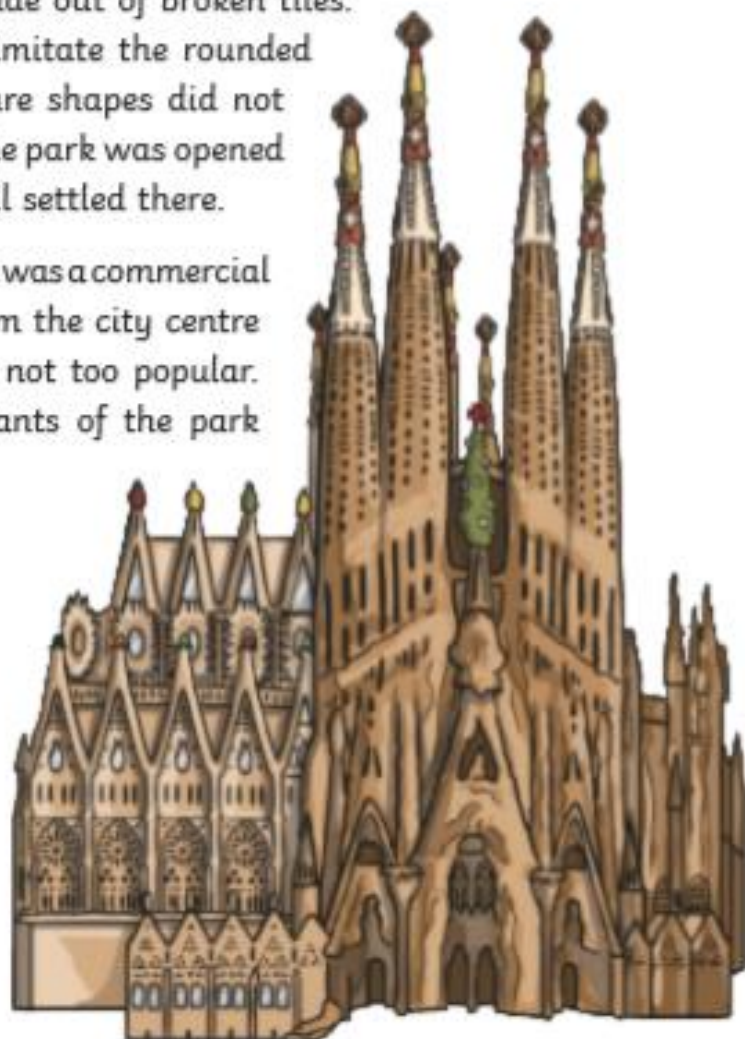
Gaudi never married. It is reported that he was not interested in fame or fortune and that he chose to always wear the same set of clothes. Gaudi took good care of his health. He was attentive to his co-workers and, reportedly, his motto was 'festina lente': a Latin phrase that means 'in order to go fast, you must go slowly'.

In 1878, Gaudi met Eusebi Güell – a young entrepreneur from one of the richest families in the country. They were friends for the rest of their lives. Thanks to Güell's personal fortune and artistic sense, Gaudi created some of his most inspired works, such as Güell Palace, Güell Colony and Güell Park.

Inspired by Great Britain, Güell wanted to create a garden city on the outskirts of Barcelona and he gave total freedom to Gaudi to create it. At Güell Park, Gaudi developed some of his most characteristic techniques: 'trencadís', which is a type of mosaic which is made out of broken tiles.

Gaudi said that he wanted to imitate the rounded shapes of nature and that square shapes did not allow him to do that. In 1904, the park was opened and both Gaudi and Count Güell settled there.

Unfortunately, the residential area was a commercial failure: the park was too far from the city centre and, in those times, Gaudi was not too popular. The two were the only inhabitants of the park until their deaths.



## Questions

1. In what year was Gaudi born?
2. Are these statements true or false?
  - He is considered a master of abstractism.
  - Millions of tourists visit his major works each year.
  - He attended university in Catalonia.
  - He was born in Barcelona.
3. What is the name of the famous church that has been under construction for over 100 years?
4. What reason does the text give to suggest why Gaudi's work can mostly be found in Barcelona?
5. Did people at the time like Gaudi's work? Use evidence from the text to support your answer.
6. What impact do you think Güell might have on Gaudi's art?
7. Where can you find the Episcopal Palace?
8. Do you think Gaudi was patient or impatient? Use evidence from the text to support your answer.
9. Would you like to have worked for Gaudi? Use evidence from the text to support your answer.
10. **"I don't know if we have in front of us a genius or a madman"** Do you think Gaudi's University professor liked his work? Explain your answer.

## SPaG activities

Can you rewrite this direct speech sentence with all the missing punctuation?



the sandwich shop  
worker asked  
can I help you

Underline the relative clause in the following sentence:

Ostriches, which are one of the few flightless birds, can run up to 70 kilometres per hour.

Mr Whoops has accidentally jumbled up a modal verb. Can you help him to unjumble it?

odluhs



Write an exclamation sentence about the picture.

Write two suitable conjunctions in the gaps to complete the following sentence.

\_\_\_\_\_ the referee checked the pitch, the children still played the football match \_\_\_\_\_ it was raining.

## Homemade Castanets

Most kids love musical instruments, and there's no reason to spend money buying them. You can whip up these castanets and kick up your heels in a flamenco dance in a matter of minutes.

### **What You Need:**

- Cardboard
- Safety scissors
- 4 bottle caps
- A hammer
- Superglue
- Glitter, markers, and other decorations

### **What You Do:**

1. Parents: being careful to keep your child's fingers out of your workspace, flatten the bottle caps with a hammer.
2. Draw two wide strips with rounded edges onto the cardboard and allow your child to cut them out using the safety scissors. Fold each in half, so they look like duck bills.
3. Taking over duties, put a dab of glue on the jagged edge (the bottom) of each bottle cap. Glue one to the top and one to the bottom of the inside of each piece of cardboard so the bottle caps meet when you close the cardboard "duck bills." Let dry.
4. Encourage your child to decorate the castanets with markers, glitter, or whatever else he fancies. Let dry.
5. Hand your child the castanets and show him how to press the upper and lower pieces of cardboard together so the bottle caps meet and click.
6. Have him position one castanet in each hand and encourage him to create an upbeat rhythm or, if he likes, an entire song!



## Paella Recipe

### **Ingredients**

- 150g Chorizo
- 150g Chicken breast (diced)
- 150g Cod
- 1 pepper
- 1 onion (optional)
- Handful of frozen peas (optional)
- 150g rice (Paella rice if you can get)
- Pinch smoked paprika
- Pinch turmeric
- 1.5 pints Chicken stock

### **Instructions**

1. Start by browning off your chorizo over a medium heat. Add the pepper at this time and stir well. You could also add an onion if you wanted.
2. Add the chicken and cod. Cook until the chicken is golden brown.
3. Throw in the rice and stir well until coated with all the fat from the chorizo. Add stock so that it covers the rice and bubbles for a couple of minutes.
4. Add the pinch of paprika and turmeric.
5. Simmer for approximately 10 minutes until the liquid has gone. Make sure the rice is fully and cooked all the way through. You could add a handful of frozen peas here too!



## Spanish Omelette Recipe

### Ingredients

- 500g new potatoes
- 1 onion
- 150ml olive oil
- 3tbsp chopped parsley
- 6 eggs

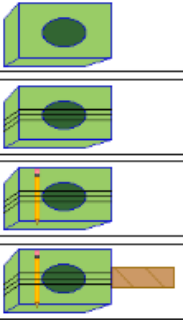
### Instructions

1. Scrape 500g new potatoes or leave the skins on, if you prefer. Cut them into thick slices. Chop 1 onion.
2. Heat 150ml extra-virgin olive oil in a large frying pan, add the potatoes and onion and stew gently, partially covered, for 30 minutes, stirring occasionally until the potatoes are softened. Strain the potatoes and onion through a colander into a large bowl (set the strained oil aside).
3. Beat 6 eggs separately, then stir into the potatoes with 3 tbsp chopped flat-leaf parsley and plenty of salt and pepper. Heat a little of the strained oil in a smaller pan.
4. Tip everything into the pan and cook on a moderate heat, using a spatula to shape the omelette into a cushion.
5. When almost set, invert on a plate and slide back into the pan and cook a few more minutes.
6. Invert twice more, cooking the omelette briefly each time and pressing the edges to keep the cushion shape. Slide on to a plate and cool for 10 minutes before serving.

## Box Guitar

### Equipment:

- 1 old shoe or tissue box
- Rubber bands
- Scissors
- A paper-towel tube
- Pencil



### Instructions

1. With your old shoe/tissue box cut an oval shape in the centre of it on the top.
2. Stretch 3 rubber bands around the box and over the hole.
3. Put a pencil under the rubber bands on one side.
4. Tape on the paper-towel holder tube as a handle and decorate!

## Maths Activities

### Monday

Convert the improper fractions into mixed fractions.

$$\frac{5}{2}$$

$$\frac{5}{3}$$

$$\frac{9}{4}$$

Write the decimal equivalent to the fraction.

$$\frac{1}{2}$$

$$\frac{1}{4}$$

$$\frac{1}{5}$$

Match the mixed fractions and improper fractions.

$$\frac{11}{4} \quad 2\frac{2}{5}$$

$$\frac{12}{5} \quad 2\frac{3}{4}$$

$$\frac{16}{3} \quad 5\frac{1}{3}$$

Write the decimal equivalent to the fractions.

$$\frac{1}{4} =$$

$$\frac{1}{10} =$$

$$\frac{1}{8} =$$

Complete the mixed fractions and improper fractions so each pair is equivalent.

$$\frac{9}{\square} \quad 2\frac{1}{\square}$$

$$\frac{12}{\square} \quad 2\frac{2}{\square}$$

$$\frac{17}{\square} \quad 5\frac{2}{\square}$$

Write the decimal equivalent to the fraction.

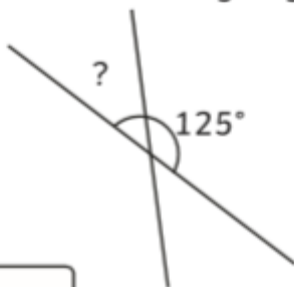
$$\frac{1}{20} =$$

$$\frac{1}{16} =$$

$$\frac{1}{50} =$$

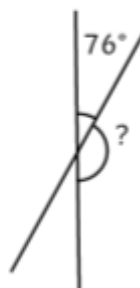
### Tuesday

Calculate the missing angle:



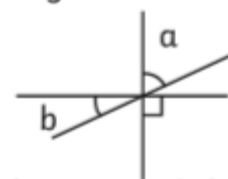
(Not to scale.)

Calculate the missing angle:



(Not to scale.)

What could the two unknown angles be?



(Not to scale.)

$$a = \quad b =$$

Wednesday

Jules has 46 marbles and Jens has 76 marbles. Omar also has some marbles. Altogether, the three of them have 151 marbles. How many marbles does Omar have?

marbles

A football stadium has 26 230 seats. For a match, the club sells 12 892 adult tickets and 7901 child tickets. How many empty seats are there?

empty seats

391 276 tickets were sold by a zoo in one year. Complete this table.

Adult tickets	208 217
Child tickets	
Family tickets	76 810

Thursday

Draw a rectangle with a perimeter of 26cm. (not to scale). Mark the length of the 2 different sides.

**Various answers including: 2cm x 11cm, 3cm x 10cm, 6cm x 7cm (sides add to 13cm).**

Draw a rectilinear octagon with a perimeter of 42cm. (not to scale). Mark all the necessary measurements.

Draw a rectilinear shape with a perimeter of 32cm (not to scale). Mark the length of all the sides. The shape must not be a simple rectangle.

Estimate the weight of 1 apple.



Estimate how many apples might weigh 1kg.



A box of apples contains 24 apples. Estimate the weight of the apples.

