

Love Your Chelmsford Quiz

Summer 2020 Circle your answer to each question



1. Summer is a great time for a walk in the woods. Why are trees so important to stopping climate change

- a. They give us shade from the sun b. They clean the air c. They have deep roots

2. Which one of the following is a dragonfly?



3. In the summer months we get lots of sunshine. How much of the electricity used in the UK came from renewable sources like solar power in 2019?

- a. 10% b. 25% c. 40%

4. Summer time also means we don't need to use as much electricity to light our homes. How much electricity do you think the UK wastes every year by leaving lights switched on?

- a. £40 million b. £440 million c. £4.4 billion

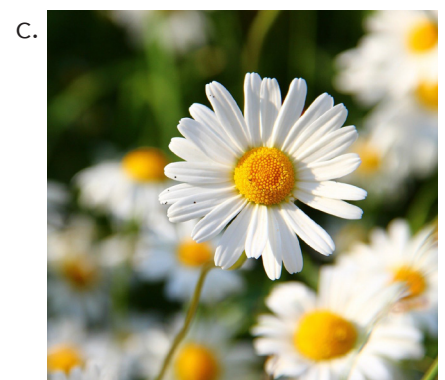
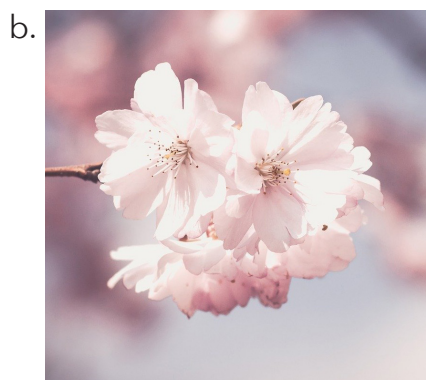
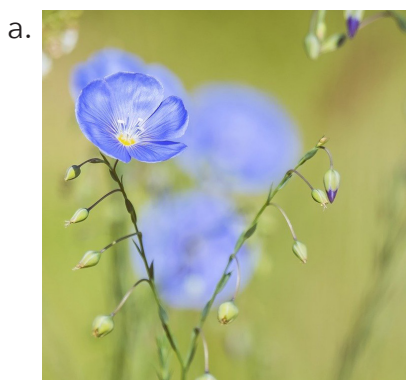
5. What date is the longest day?

- a. 10th June b. 21st July c. 21st June

6. What is the total number of days in the summer months?

- a. 92 b. 90 c. 93

7. Which of the following wildflowers is an Oxeye Daisy?



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Summer 2020 Cheat Sheet



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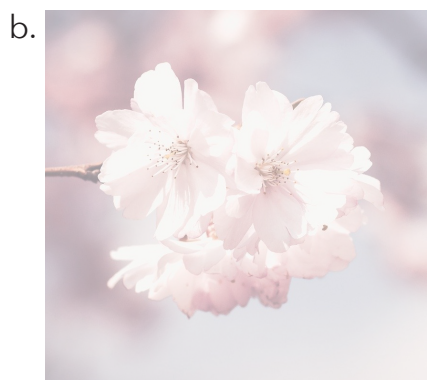
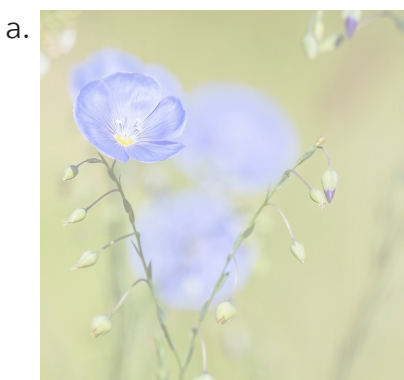
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8. Which type of weather is associated with the summer?

a. Cold weather

b. Wind

c. Thunderstorms

9. A Leveret is the young of what animal?

a. Hare

b. Squirrel

c. Fox

10. When does summer finish in Australia?

a. End of February

b. Start of February

c. End of December

11. Which of the following birds is a Peregrine Falcon?

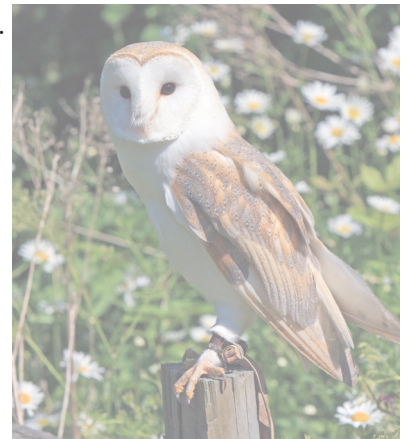
a.



b.



c.



12. The Love Your Chelmsford team have some great local wildlife sculptures made of recycled materials. What animal do you think this one is?



a. Hedgehog

b. Owl

c. Dinosaur

13. Which one of these recyclable electronics was used to make the animal in the picture?

a. Television remotes

b. Portable Radio

c. Hair dryer

14. How much less energy does it take to recycle an old plastic bottle into a new one, rather than making a new plastic bottle from scratch?

a. 33% less power

b. 55% less power

c. 88% less power

15. What does recycled food waste turn into?

a. Electricity

b. Compost

c. Both

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Summer 2020 Additional Information



1. Summer is a great time for a walk in the woods. Why are trees so important to stopping climate change

Trees breathe in carbon dioxide, a nasty greenhouse gas and breathe out oxygen which makes our air cleaner and helps stop climate change. That's why Chelmsford City Council have pledged to plant a tree for every resident in Chelmsford.

3. In the summer months we get lots of sunshine. How much of the electricity used in the UK came from renewable sources like solar power in 2019?

This can roughly be broken down to 20% from wind, 12% from biomass (methane from food waste) and 8% from solar.

4. Summer time also means we don't need to use as much electricity to light our homes. How much electricity do you think the UK wastes every year by leaving lights switched on?

Wasting power means wasting valuable resources. Try to remember to switch off the lights when you leave a room and turn things you're not using off at the plug socket on the wall.

5. What date is the longest day?

20th June is actually the longest day of the year in the Northern Hemisphere. We call this day the 'Summer Solstice'.

6. What is the total number of days in the summer months?

Summer in UK officially starts on Saturday 20 June and ends on Tuesday 22 September, making summer a total of 92 days long.

8. Which type of weather is associated with the summer?

Thunderstorms occur when warm moist air meets colder drier air, the warm air rises, the water vapour condenses in the air, and forms a cloud. As the water vapor condenses it releases heat, which is a form of energy. This energy then causes a thunderstorm.

10. When does summer finish in Australia?

The seasons in the Northern Hemisphere are the opposite of those in the Southern Hemisphere. This means that in Australia, winter begins in June.

13. Which one of these recyclable electronics was used to make the animal in the picture?
(Please find a full picture of the owl sculpture on the following page.)

Our owl sculpture is made from recycled television remotes and keyboard keys. We are lucky enough to have a variety of different animal sculptures made from recycled electronics, including a snake, a swan, a dinosaur and of course our owl. We often bring them with us when we come into schools to do talks about the importance of recycling.

14. How much less energy does it take to recycle an old plastic bottle into a new one, rather than making a new plastic bottle from scratch?

It's very important to recycle as much as we can, the less energy we use to make our plastic bottles, the more energy we can save for other things like keeping the fridge in your kitchen cold or keeping the television working when your favourite show is on.

15. What does recycled food waste turn into?

When food decomposes it creates methane, which is a gas we can use to power our homes. The mush left after all the methane is gone can then be used as a compost for farmers to put on their crops to make more food for us to eat!



Full image of owl sculpture for question 12