THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 1 · SCIENCE · SEASONAL CHANGES

Seasonal changes

Everything the questions ask about is taught on the page before them, so nobody has to know the science beforehand.

WHAT IS INSIDE

- The four seasons
- Day length
- Where you live changes this
- Try it yourself
- How each one is worked

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2 topics · something to do at the end

Written for a parent teaching at home. No training assumed, and nothing else to buy.

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The four seasons

Read this first. Then answer the questions underneath.



Here in Britain the year is divided into four seasons: spring, summer, autumn and winter. The four described below are the seasons of the northern half of the world, which is where Britain is. In the southern half they fall the opposite way round, so summer there is winter here.

In spring, plants start to grow and many animals have young.

In summer, the days are longest. The warmest days come a little later: the longest day is in June and the hottest months are July and August.

In autumn, deciduous trees lose their leaves and fruit and seeds are ready.

In winter, the days are shortest, and the coldest weather again comes a month or more after the shortest day.

1. How many seasons are there?

They are listed in the first sentence.

2. In which season are the days longest?

Look for the word longest.

3. In which season is it coldest?

Look for the word coldest.

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Where you live changes this



The four seasons described here are the ones a temperate country has, and the national curriculum is written for one. Nearer the equator the year divides differently. Much of west Africa and south east Asia has a wet season and a dry season rather than four, and the length of the day changes by less than an hour across the whole year instead of by several.

If that is where you are, teach both. Your child should know what the four seasons are, because most of what they read will assume them. They should also know that what is outside their own window is not wrong. The thing the curriculum is really asking for is that a child observes the year changing and records it, and a wet season answers that as well as a cold one.

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How each one is worked

The answers to the **work it out** questions are model answers. A child who says something different and can show you where on the page it came from has done the work.



THE FOUR SEASONS

1. How many seasons are there?

1. The passage says the year is divided into four seasons.
2. So the answer is **four**.

Answer: **Four**

2. In which season are the days longest?

1. The passage says in summer the days are longest, in the northern half of the world.
2. So the answer is **summer**.

Answer: **Summer**

3. In which season is it coldest?

1. The passage says in winter it is coldest.
2. So the answer is **winter**.

Answer: **Winter**

4. WORK IT OUT **Why do you think there is more fruit in autumn than in spring?**

1. In spring plants start to grow.
2. The passage says fruit and seeds are ready in autumn.
3. Growing comes first and the fruit comes after it.

Answer: **Because fruit and seeds are ready in autumn, after the plants have grown through spring and summer**

DAY LENGTH

1. What is day length?

1. The passage says day length is how long it is light for.
2. So that is the answer.

Answer: **How long it is light for**

2. How far apart are the longest and shortest days?

1. The passage says they are six months apart.
2. So the answer is **six months**.

Answer: **Six months**

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SAMPLE PAGES

You have read a few pages. The pack is longer.

What you are holding is a short sample, taken from different parts of the pack so that you can see how a week is planned and what a child is actually asked to do, before you decide.

The complete pack, and the rest of the academic materials, are on our website: schemes of work for a parent teaching at home, and practice packs for the skills children get stuck on.

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Islamic and Academic Education

Members of the homeschool community do not buy these. If you have joined the community, the pack for the term you are working on is given to you at no cost.

Our Islamic Education classes are free. These packs are part of what pays the teachers who teach them.