



We use energy to power our phones and TVs, to heat our houses, cook our food, and transport us by car, train and plane.

Energy is an extremely important part of our daily lives, but you might not pay much attention to how much you use or where it comes from.

**OurFuture.Energy** is a website where you can find games and quizzes, animations and videos, as well as current news stories to help you find out more about energy.

It helps you understand the basic science behind the energy sector and look at how we can reach a balance of secure, affordable and sustainable energy.

These three issues are known together as the energy trilemma.

We have teamed up with Children's University Scotland to create simple and fun activities to get you thinking about the energy trilemma and what it means in your everyday life.

### Completing the Activities

The activities are suitable for Children's University passport holders aged 11-14, and include a mix of creative, imaginative and problem solving activities.

Each activity comes with 3 'Essential Reading Links' to the website, which will give you some background knowledge and ideas to help you complete the tasks.

There are also 'Quiz Links' you can complete on the website and enter your score in the box provided.

Once you have completed the activities, remember to take your worksheets and Children's University passports to school to receive your credit.

**Who knows, maybe you'll be making important energy decisions one day, from creating laws to inventing the next big energy technology.**



### ESSENTIAL READING LINKS

#### SECURITY

##### The Main Energy Sources:

<https://ourfuture.energy/in-focus/the-main-energy-sources/>

##### Demanding Electricity:

<https://ourfuture.energy/in-focus/demanding-electricity/>

##### Surprising Uses of Oil:

<https://ourfuture.energy/bright-idea/surprising-uses-of-oil/>

#### AFFORDABILITY

##### Salt Water Lamp:

<https://ourfuture.energy/bright-idea/salt-water-lamp/>

##### Living Off Grid:

<https://ourfuture.energy/in-focus/living-off-grid/>

##### Lunar Panels?!

<https://ourfuture.energy/bright-idea/lunar-panels/>

#### SUSTAINABILITY

##### Air Pollution:

<https://ourfuture.energy/in-focus/air-pollution/>

##### How Green Is Your Outfit?:

<https://ourfuture.energy/in-focus/how-green-is-your-outfit/>

##### Fracking, Yes or No?:

<https://ourfuture.energy/debate/fracking-yes-or-no/>