

Different UV waves

.8-VU bne A-VU diock both UV-A and radiation are harmful to your skin, so skin produce vitamin D. Both kinds of UV-B burns the skin, but also makes our B. UV-A causes the skin to age and darken, -VU %2 bne A-VU si %20 , su doean soob tedt in the atmosphere. Of the VV radiation harmful, but is blocked by the ozone layer Jzom add zi D-VU .D-VU bns , 8-VU ,A-VU There are different types of VU waves:

sunscreen and zinc oxide

.9bizni 9di no your own sunscreen with the instructions is zinc oxide. Time to get started! Maker Vilideqes tent sed tent sesnetsdus ent Το enO .noiteiber VU Το γρηθηθη Γυπηεί Aost products will try to 'neutralise' the .etneiberga various ingredients. syrays, snoitol, creams, lotions, sprays There are many different kinds of products

Introduction

fiojtejber Jeloivertlu si tedw bnA floutoet sun with sunscreen. But how does sunscreen important to protect yourself against the of getting skin cancer. It is therefore is painful, but also increases the risk NU) radiation from the sun. A sunburn by the heat, but by the ultraviolet your skin will burn. This is not caused , pnol ot not nus ott ni vets uov lI

SJufmred ti si ydw bne VU si tedW

skin cancer. :ruoivedad lemronde qoleveb nes slles emos skin does not get the chance to recover, while and have to recover. If your burnt The skin cells will be damaged after a continuously collide with your skin cells. your are exposed to the sun, UV waves тhe more powerful these waves are. When times smaller! The shorter the wave, 000,1 neve are sevew VU bne reference long, microwaves can be as short as a microwave oven). Radiowaves are meters ruov ni sevew bne ,even-x ,eevewoiber Ultraviolet radiation is a wave, just like



DIY sunscreen

Sunscreen protects our skin against harmful radiation. Instead of buying it in a shop, you can easily make it yourself — just follow these instructions:



Heat some water in a pan. **Tip:** Make sure the water comes up to half of your jar or bowl when placing it in the middle of the pan.



Add:

2 measures zinc oxide
2 mesures coconut grease
1 measure almond oil
1 measure of bees wax
to a heat resistant jar or
bowl. Clean your spoon in
between each step with water.



Place the heatresistant jar with the ingredients in the warm water.



Stir until the bees wax has melted. This can take a while.



Let the mixture cool down. If you have used a bowl, you can put the mixture in a jar after cooling.



You can test your sunscreen on UV-sensitive paper.

Look for the instructions 'test your sunscreen', available on togethersciencebus.eu.



Test the sunscreen on a small part of your arm. Do you see a white spot on your arm afterwards? This means that the sunscreen has worked.



You sunscreen is now ready to use! **Tip:** make a nice label!



Tip: Include other ingredients, like coconut butter or aloe vera gel.

We are curious about your results. Share them by using #sciencebus on instagram or twitter.