

TOPIC - Earthquakes

Hello Year 5!

Our topic last term was earthquakes and volcanoes - so I have a very exciting activity for you to do at home (but it's a bit messy, so make sure you wear old clothes and cover surfaces with newspaper/tablecloths).

Remember we had a look at how earthquake zones prepare their buildings for earthquakes through careful construction and using the most 'earthquake proof' materials?

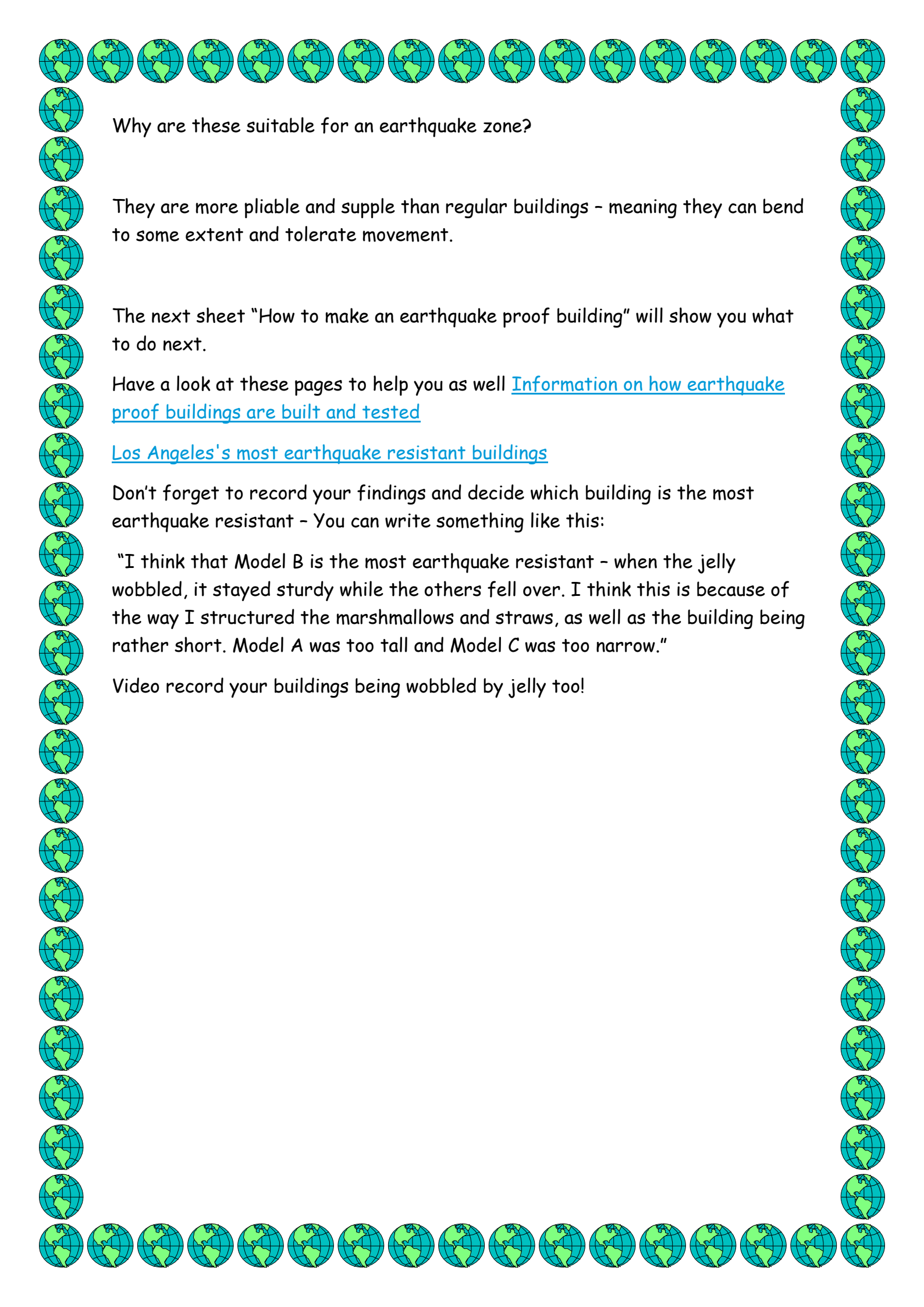
Have a look at these two images.

These buildings are NOT suitable for an earthquake zone. Do you know why?



Now, have a look at these images.





Why are these suitable for an earthquake zone?

They are more pliable and supple than regular buildings - meaning they can bend to some extent and tolerate movement.

The next sheet "How to make an earthquake proof building" will show you what to do next.

Have a look at these pages to help you as well [Information on how earthquake proof buildings are built and tested](#)

[Los Angeles's most earthquake resistant buildings](#)

Don't forget to record your findings and decide which building is the most earthquake resistant - You can write something like this:

"I think that Model B is the most earthquake resistant - when the jelly wobbled, it stayed sturdy while the others fell over. I think this is because of the way I structured the marshmallows and straws, as well as the building being rather short. Model A was too tall and Model C was too narrow."

Video record your buildings being wobbled by jelly too!