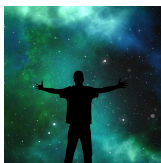
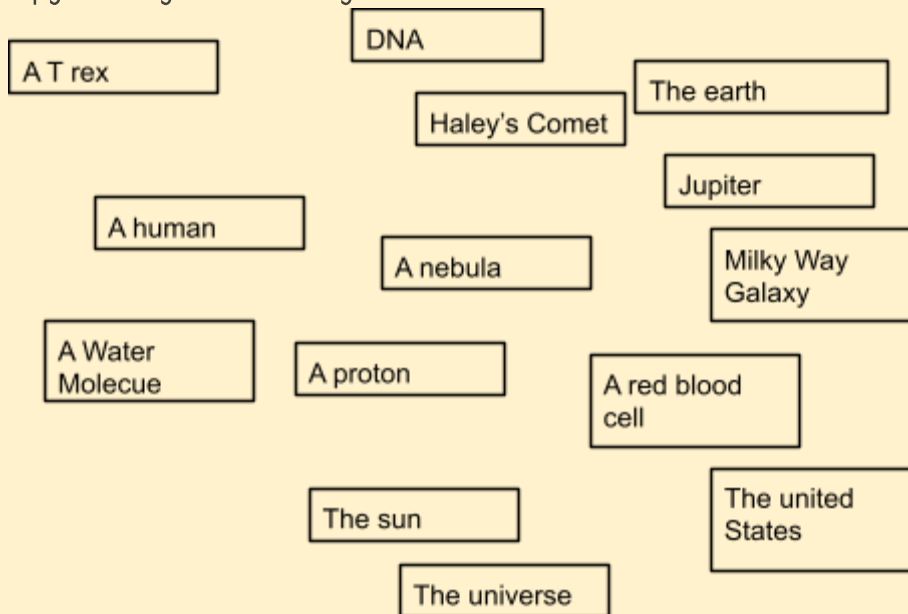


The Universe



How big is the universe

Go to this web page and use the interactive to help you complete the following [scale of the universe](#)
Put the following in order from SMALLEST to LARGEST: (write in your book or copy the image and rearrange it -share it with me)



How did it all start?


Use this interactive to drive back through time and see how the universe started. [The big bang](#)



Make a timeline of the events using an app like [Sutori](#) which will allow you to collaborate with others. Or use a google doc that you can work on with others in the class.

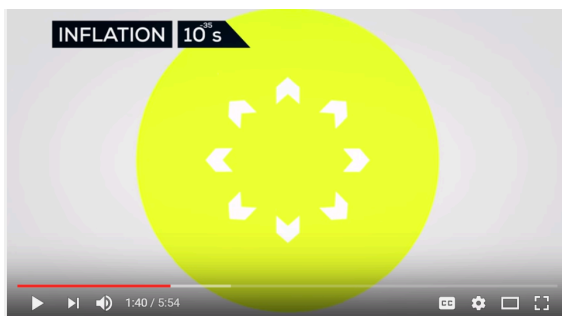
-the time line must have

1. An image
2. An approximate time
3. A description of what is happening

SHARE your time lines on our class padlet [HERE](#) you will need to share it as a doc rather than an image.

	Experiment
	<p>Can we model the expansion of the universe with a balloon? Read how to conduct the experiment Big Bang Balloon Experiment</p> <p>You can choose to write this in your books OR you can create a google doc. Google docs must be submitted to me via email or google classroom.</p> <p>Your books/ doc must contain</p> <p>SUMMARY OF BACKGROUND INFORMATION</p> <p>AIM</p> <p>MATERIALS</p> <p>METHOD</p> <p>RESULTS (in table form)</p> <p>DISCUSSION (use the questions below the table to help you to discuss the results)</p>

	Construct / apply
	<p>Using your understanding of how the universe has expanded you are to construct your own cone shaped model or poster of the expansion of the universe. You are to document your process HERE make the final document visually appealing. You may collaborate with others on this.</p> <p>You will need to fill out this document to request materials for your model</p> <p>Big Bang model</p> <p>As a class we will watch these videos to give you more information on the expansion of the universe.</p> <p>https://www.youtube.com/watch?v=DmUiCweDic4</p> 



<https://www.youtube.com/watch?v=wNDGgL73ihY>

Some other useful infographics that you may like to look at can be found here [Big bang infographics](#)



Share

Use our class Padlet to share images and copies of how you put your model together? [class padlet](#)

Apply

You have demonstrated how the Big Bang occurred but what evidence is there that it actually happened?

Create an infographic that outlines the evidence that the Big Bang occurred.

An infographic is a visual representation of information or data.

You may like to use any of these tools to collate the information [Google Docs](#), [Google Forms](#), [Google Classroom Assi](#), [GSlides](#), [Edpuzzle](#), [TED](#), [Ted-Ed](#), [Aurasma](#), [Whiteboarding](#), [Podcast](#), [Adobe Spark](#), [Visuwords](#), [Pixton](#), [Emaze](#), [Nearpod](#), [Pear Deck](#), [Virtual Field Trip](#), [Blendspace](#), [iTunes U](#), [Educreations](#), [Explain Everything](#), [Doceri](#), [Piktochart](#), [Venngage](#), [DocentEdu](#), [Breakout EDU](#), [Powtoon](#), [Movenote](#), [Play Postit](#), [AWW](#), [All Sides](#), [My Simple Show](#), [Sketchboard](#), [StoryMap](#), [Mentimeter](#), [Twiddla](#), [Sutori](#)

Share the finished product via padlet