

_Course Title: SpaceKidets

- **Beginning Astronomy**
 - **What do you need to get started**

Notes / Key:

Orange – Comment / for attention

Blue – Instructions only (e.g timings, changes for visuals)

Yellow – Graphics required

Red – Incorrect answer

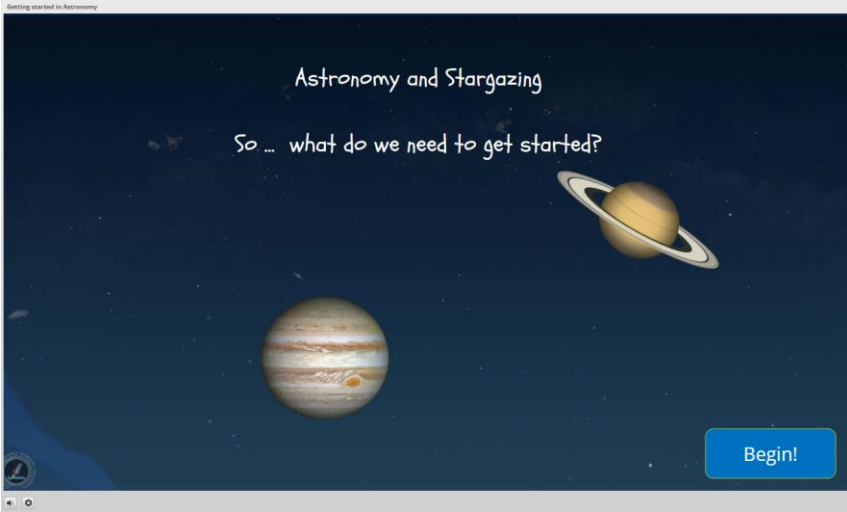
Green – Correct answer

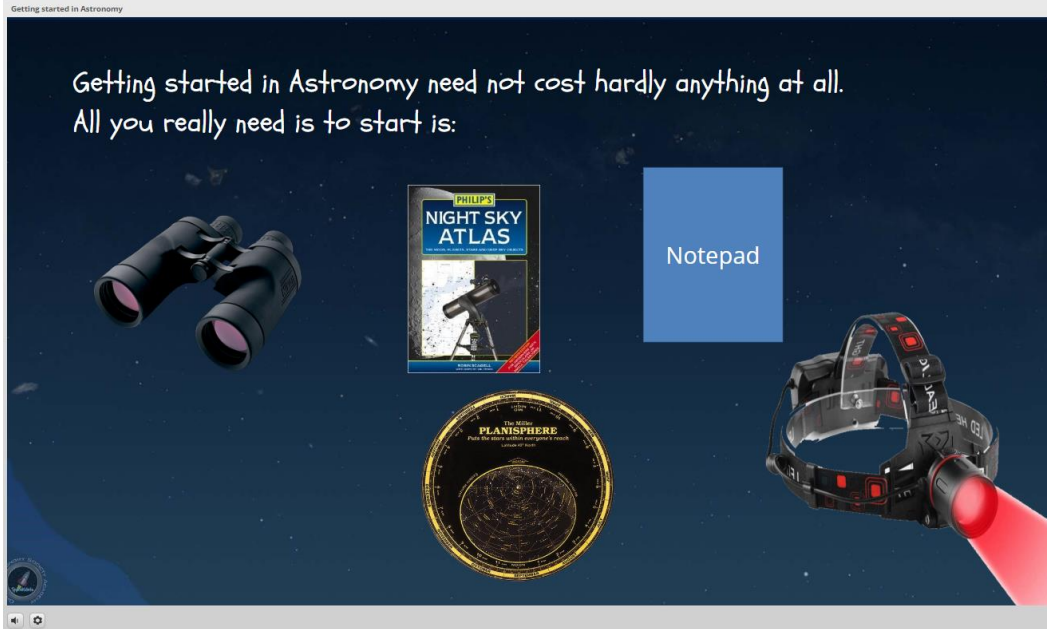
Yellow highlight – areas to be decided on

Version	Author	Date	Comments
Starting Astronomy V1.001	Alastair Leith	12/10/2021	

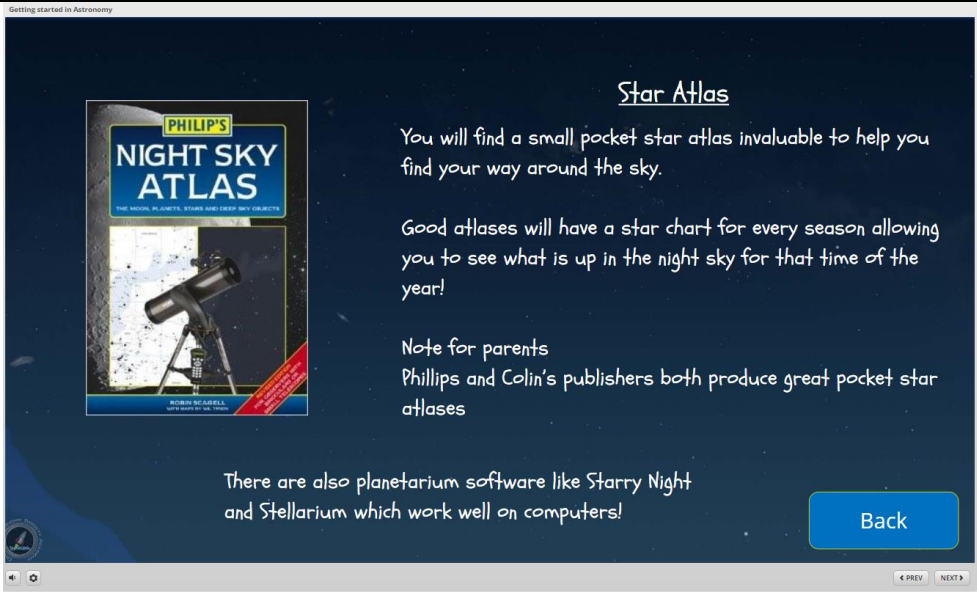
Slide number	Slide type	Comments

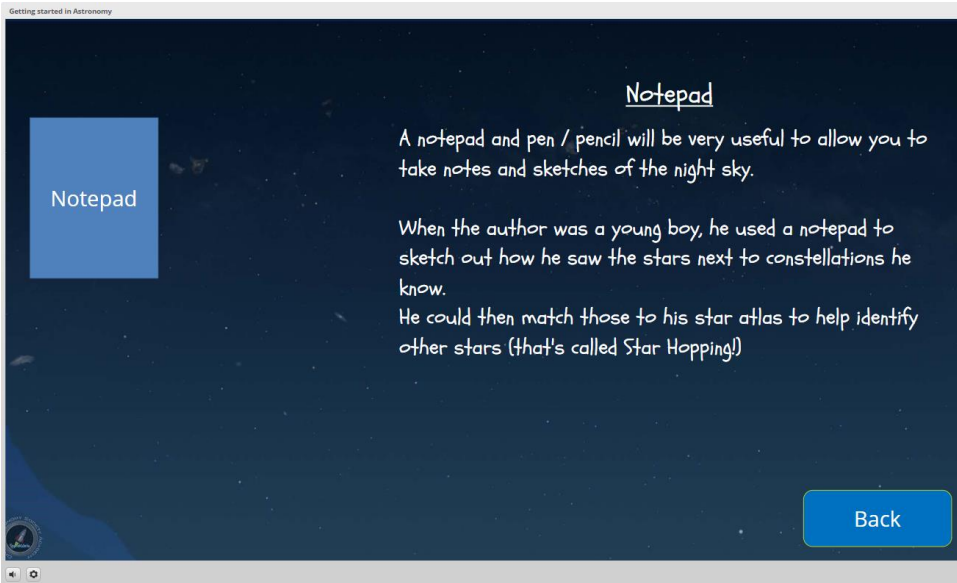
Text	Visuals
Audio	

Slide number	Slide type	Comments
1		
Text		Visuals
Astronomy and Stargazing So ... what do we need to get started?		 Saturn comes in left to right Jupiter follows right to left then the text drops in The Begin button leads to the next slide
Script		Astronomy and Stargazing So ... what do we need to get started, lets click the begin button to find out!
Audio		
Slide number	Slide type	Comments
1		
Text		Visuals
Audio		

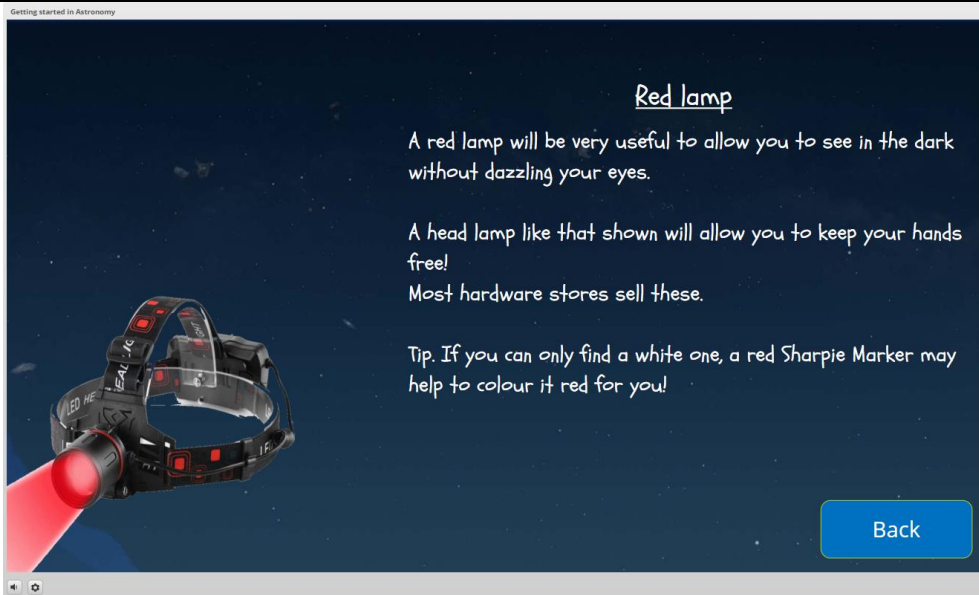
Slide number	Slide type	Comments
2		Each object is clickable or tapable. When hovered over, they enlarge.
Text		Visuals
Getting started in Astronomy need not cost hardly anything at all. All you really need is to start is:		
Script		The main things you need to get started in astronomy are below. We have a pair of binoculars, Night Sky Atlas, a notepad, planisphere, and a red torch. Please click on or tap an item to learn more!
Audio		
Slide number	Slide type	Comments
3		
Text		Visuals
Audio		

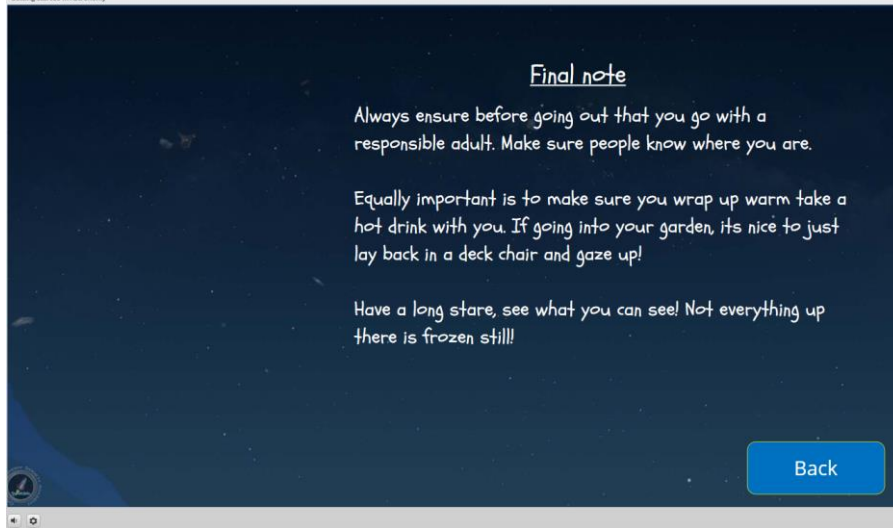
Slide number	Slide type	Comments
4		
Text		Visuals
As on slide		Getting started in Astronomy  <u>Binoculars</u> As you go through the SpaceKidet's program you will see they are the perfect tool for getting to know the night sky Many bright objects can be seen with a good pair of binoculars. Stars, Venus, Jupiter, Mars, Saturn. Many galaxies, nebulae and star clusters too! Best sizes are 7 x (magnification) by 50mm (diameter of the lens). and 10 x 50. If we begin with binoculars and decided astronomy is not for us we can use them for other purposes! Back
Script		As you go through the SpaceKidet's program you will see they are the perfect tool for getting to know the night sky Many bright objects can be seen with a good pair of binoculars. Stars, Venus, Jupiter, Mars, Saturn. Many galaxies, nebulae and star clusters too! Best sizes are 7 x (magnification) by 50mm (diameter of the lens). and 10 x 50. If we begin with binoculars and decided astronomy is not for us we can use them for other purposes!
Audio		

Slide number	Slide type	Comments
5		
Text		Visuals
You will find a small pocket star atlas invaluable to help you find your way around the sky. Good atlases will have a star chart for every season allowing you to see what is up in the night sky for that time of the year! Note for parents Phillips and Colin's publishers both produce great pocket star atlases There are also planetarium software like Starry Night and Stellarium which work well on computers!		
Script		
Audio		

Slide number	Slide type	Comments
6		
Text		Visuals
A notepad and pen / pencil will be very useful to allow you to take notes and sketches of the night sky. When the author was a young boy, he used a notepad to sketch out how he saw the stars next to constellations he know. He could then match those to his star atlas to help identify other stars (that's called Star Hopping!)		
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Audio		

Slide number	Slide type	Comments
7		
Text	Visuals	
Match the month, date, and time to the Planisphere, it will show you what stars and constellations you can see at that time! Note to parents These are widely available but being replaced by planetarium software which you can also access on mobile devices		
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Audio		

Slide number	Slide type	Comments
8		
Text	Visuals	
		
Script		A red lamp will be very useful to allow you to see in the dark without dazzling your eyes. A head lamp like that shown will allow you to keep your hands free! Most hardware stores sell these. Tip. If you can only find a white one, a red Sharpie Marker may help to colour it red for you!
Audio		

Slide number	Slide type	Comments
9		
Text	Visuals	
		
Script		Always ensure before going out that you go with a responsible adult. Make sure people know where you are. Equally important is to make sure you wrap up warm take a hot drink with you. If going into your garden, its nice to just lay back in a deck chair and gaze up! Have a long stare, see what you can see! Not everything up there is frozen
Audio		