Curriculum Unit Title:	We Are Made of Star S	Stuff	Author:	Michael A. Doody			
KEY LEARNING, ENI	DURING UNDERSTA	NDING, ETC.					
		eas about the way stars, over their life cycles, prosed on evidence to illustrate the changes in the					
ESSENTIAL QUESTION	ON(S) for the UNIT						
How do stars produce elements throughout their life cycle							
CONCEPT A		CONCEPT B		CONCEPT C			
Big Bang Nucleosynthesis and Cosmic Recycling		Fission vs Fusion		Star Composition			
ESSENTIAL QUESTIONS A		ESSENTIAL QUESTIONS B		ESSENTIAL QUESTIONS C			
How are light elements formed? How are heavy elements formed? How are elements recycled in the universe?		What are the similarities and differences of fusion and fission? How do fission and fusion impact the formation of elements?	How	can star composition be determined?			

VOCABULARY A

Light elements

Heavy elements

Elementary particles Supernovae Fucleosynthesis F

VOCABULARY B

Fission Fusion		
Nucleus		

VOCABULARY C

Spectra Wavelength

ADDITIONAL INFORMATION/MATERIAL/TEXT/FILM/RESOURCES

Neil deGrass Tyson. 2017. Astrophysics for People in a Hurry. Carl Sagan. 1980. Cosmos. Hyperphysics: hyperphysics.phy-astr.gsu.edu Chandra X-Ray Center: Chandra.harvard.edu