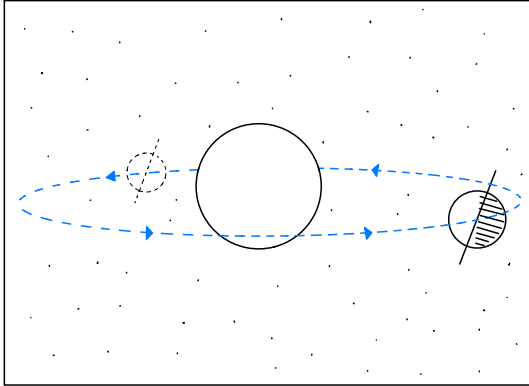
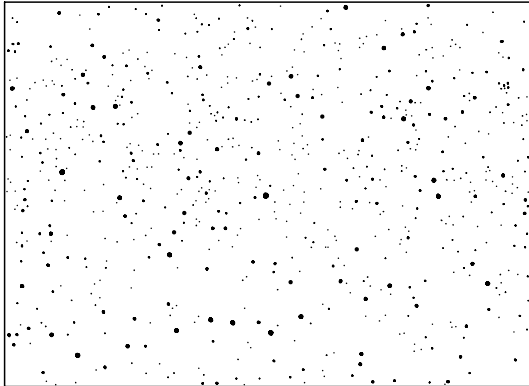


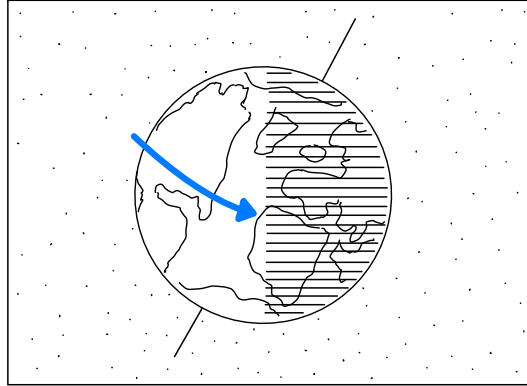
\* not to scale → for dramatization purposes/emphasis on Earth's orbit, other planets and Earth's Moon have been excluded and Earth is depicted as being much closer to the Sun, period of Earth's orbit has been condensed to ~30 seconds



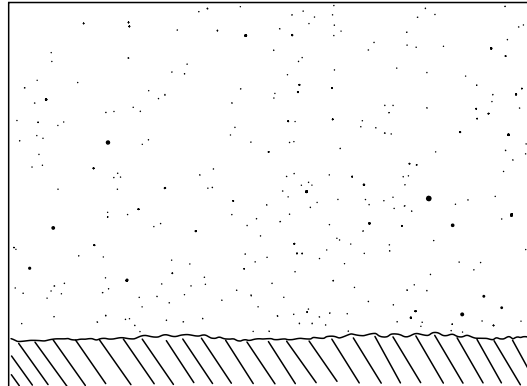
SCENE 1: Overview of Earth's Orbit around the Sun  
 \* PURPOSE: Provide a simplified, general visual of Sun's rays on Earth throughout orbital period and how this accounts for seasonal changes.



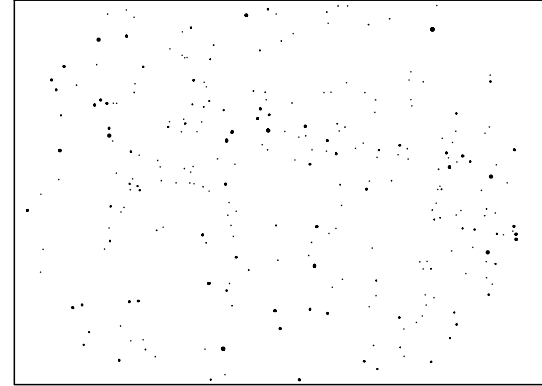
SCENE 4: Observatory view of the Northern Hemisphere as seen from the North Pole throughout an Earth year.  
 \* PURPOSE: Demonstrate the seasonal changes of the constellations as viewed from the Northern Hemisphere.



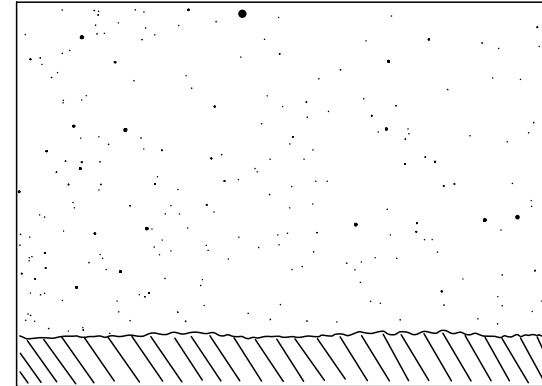
SCENE 2: Closer shot of Earth's orbit and rotation  
 \* PURPOSE: Depict Earth's orbit in relation to background stars, illustrating how position of Earth relative to the Sun changes which stars are visible.



SCENE 5: Observatory view of the constellations visible from the Equator during the Summer  
 \* PURPOSE: Illustrate the stars visible from Earth during Summer due to Earth being on one side of the Sun.



SCENE 3: Observatory view of the Southern Hemisphere as seen from the South Pole throughout an Earth year.  
 \* PURPOSE: Demonstrate the seasonal changes of the constellations as viewed from the Southern Hemisphere.



SCENE 6: Observatory view of the constellations visible from the Equator during the Winter.  
 \* PURPOSE: Illustrate the stars visible from Earth during Winter due to Earth being on the other side of the Sun.