# Universe Mash-up Project Overview and Planning

You will be creating a media mash-up project about how we understand our Universe using NASA’s Cosmic Times for inspiration. You’ll be using existing video clips, audio clips, and images from the Universe Mash-up media archive to explore an aspect of the Cosmic Times materials.

This worksheet gives an overview of the video production process and includes a checklist for your project to help you keep on track. Your teacher will give you additional resources as you work your way through the production process.

## Video production process

There are three main phases to making a video: pre-production, production and post-production.

**Phase 1: Pre-Production**

Pre-production is the planning phase of the project. These steps happen before the camera is turned on or the video-editing software is fired up. The steps should be followed in order.

**Choose** a topic

**Research** the topic

Write a **treatment script** – outline the main points and flow

Sketch out a **storyboard** – a visual flow of the scenes

Write the **final script**

**Phase 2: Production**

Production is the process of creating all pieces of the final video. These steps can happen in any order.

Produce **video** footage

Create **graphics** such as images, photos, or slides

Record **voice-overs** as required by the final script

Choose **music** for the background as appropriate

## Project checklist and due dates

**Phase 3: Post-Production**

In post-production, the final video comes together.

**Edit** video clips and footage and place the clips in order

**Encode** video and output in a format that others can view

Add **audio** tracks to the video

Insert **transitions, titles and music** to the final video

**Share** your video with your class, friends, family, and the world!

Due date Done?

\_\_\_\_\_\_\_ \_\_\_\_\_ Pick topic and develop essential question

\_\_\_\_\_\_\_ \_\_\_\_\_ Research (take notes, record citations, find media)

\_\_\_\_\_\_\_ \_\_\_\_\_ Write treatment script

\_\_\_\_\_\_\_ \_\_\_\_\_ Make storyboard

\_\_\_\_\_\_\_ \_\_\_\_\_ Write final script

\_\_\_\_\_\_\_ \_\_\_\_\_ Download media to use

\_\_\_\_\_\_\_ \_\_\_\_\_ Produce additional footage and graphics, if needed

\_\_\_\_\_\_\_ \_\_\_\_\_ Record narration

\_\_\_\_\_\_\_ \_\_\_\_\_ Create title, credits graphics

\_\_\_\_\_\_\_ \_\_\_\_\_ Insert all pieces into presentation software and edit

\_\_\_\_\_\_\_ \_\_\_\_\_ Score project using rubric and score sheet

\_\_\_\_\_\_\_ \_\_\_\_\_ Turn in to instructor

## Guidelines for video

* Your final video should be 3-5 minutes long and should be accurate and engaging, using the part of the Cosmic Times story that most interests you.
* You will be graded using the Universe Mash-up Project Grading Rubric.
* Make sure the images, videos, and audio you select help tell your story, and make sure to give proper credit for all of the media you use.
* Use only copyright-free materials; if you want to use media that has a copyright, you will need to get permission to use it from the person who holds the copyright.
* Stay with visuals as long as it is interesting – too short a time will make your video seem choppy, while too long will make it drag.
* Make sure your story flows with transitions between different visuals and narration connecting different ideas.

Speak with a strong, clear voice when narrating.