

4.3.2 Storyline Teacher Prep

2 weeks before beginning storyline:

- Review and/or print out the following documents for this storyline. To edit the following documents you must open, then make your own copy.
 - [Storyline Matrix](#)
 - [Presentation Slides](#) - episode instructions are in the slide notes.
 - [Student Journal](#) - or use composition notebook
 - [Supply List](#)
 - [Teacher Prep List](#) - tasks to begin up to two weeks prior, or that require more time to prepare
- If ordering any supplies online place orders so they can arrive before you begin the storyline.
- **Start gathering shoe boxes or cardboard boxes from students. At least 1 per group.**

1 week - 3 days before starting the storyline:

You could do any of the following to blacken your windows.

- Get black plastic paper or plastic table cloths to cover windows.
- Make arrangements to do this lesson in a room with no windows to be perfectly void of daylight.
- Print student journals or add them to your learning platform.

2 days before beginning episode:

Episode 1:

- Darken your windows or follow-up on the classroom with no windows.
- Get pieces of colored construction paper
- Draw numbers on the papers
- Need one flashlight for teacher
- A flashlight for each small group

The night before each episode:

Episode 1:

- Colored paper with numbers on them
- Flashlight
- Blackened windows or room with no windows.

Episode 2:

- Student Science Journal
- Different textured materials throughout room that will reflect light differently
- Flashlights - 1 per group

Episode 3:

- Student Science Journal
- Mirrors -at least 2 per group
- Flashlights

Episode 4:

- Student Science Journal
- Mirrors - 4-5 per group
- Shoe boxes/cardboard boxes 1 per group
- Flashlights
- Laser