



# My Reflection of Incorporating Team Work in an Online Course

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## Start of Journey



### Why Did I Join PLC Group for Online Courses?

- Because of my desire to
- Increase the students engagement
  - Humanize the course more
  - Replace the regular discussion forum with something interesting
  - Provide online students the real world experience



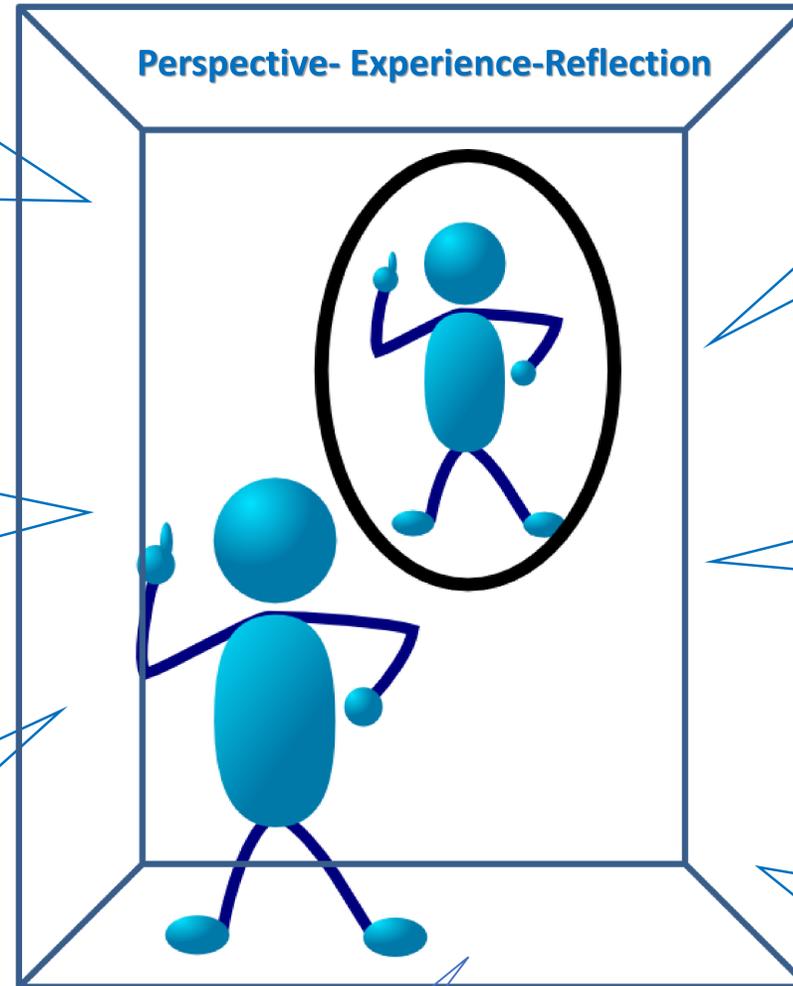
### Information about the Course I Chose for Teamwork

- Online ASTR1345 (Night Sky and Solar System)
- Introductory Astronomy course for non-Science majors
- Number of students: 70
- Type of students: Mostly non-traditional



### Goals and Outcomes of the Team Project

- To increase students engagement and collaboration
- To enhance leadership potential in students
- To help students build community
- To help students learn the course material outside the text book
- To help students think critically and creatively



## Future Plan

- Go through IRB
- Strategically form the teams
- Guide students for peer evaluation
- Use better assessment tools with rubrics
- Collect data and analyze
- Publish results



## Successes Assessment and Results

Pending by the end of semester (Spring 2019)



## Challenges

- Getting started at first place
- Time for preparation & processing
- Technical logistics on Blackboard
- Group dynamics
- Constant communication
- Students' lack of interest
- Effective assessment



## Methodology

### Formation of teams

Random  
(Divided the class into 14 teams (5 students in each))



### Components of Team Project

- Pre-project reflection Survey
- Becoming a team, making a bond
- Role selection
- Topic selection
- First draft of individual work
- Teammates feedback
- Revised individual work
- First draft of team's Final Product
- Peers feedback
- Team's Revised Final Product
- Post-project reflection Survey

### List of Topics

- Measuring the light pollution (Star count or photographing)
- Critiquing the Sci-Fi movies
- Observing the solar path
- Historical astronomy
- Astronomical instruments
- Analysis of Astronomy Apps
- Wonders of the Universe
- Astronomical land marks
- Astrophotography
- Extraterrestrial life



### Tools for Communication

- Discussion Board
- E-mail
- File Exchange
- Tasks
- Academic Materials
- Blackboard Collaborate

### Required End Product

- Presentation using
- Short videos or
  - Voice over power points

