FROM DUST TO TREASURE

building a proper self-image through astronomy course

2015 IAU Hawaii DC.4.05, 7 August 2015
SELF-IMAGE

★ Self-image is how we perceive ourselves.

★ It is the impression built up over time from how we see ourselves and how the others see ourselves.
Feel like being a speck of dust floating in the universe.

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7 August 2015
ANALYZE LEARNERS


1. 你的性别 (Your sex is): *
   - 男 (male)
   - 女 (female)

2. 你的年龄是 (Your age is): *
   - <18
   - 18-20
   - 20-22
   - >22

3. 你的专业是 (Your major is): *
   - 文科 (liberal arts)
Do you usually care about the others' opinion of you, instead of caring for others' need?

Do you usually feel depressed because of your shortcomings?

unhealthy self-image
Try to help the students find out their specialty and uniqueness through astronomical teaching—Astronomy introduction.
SELECT TOPICS

★ Solar system
★ Habitable planets hunting
★ From dust to treasure
★ Milky Way
★ Black hole
★ Big bang Comos
★ Ancient remnants
SELECT TOPICS

- Solar system
- Habitable planets hunting
- From dust to treasure
- Milky Way
- Black hole
- Big bang Comos
- Ancient remnants
**From dust to treasure**

- **Astronomy**
- **Biology**
- **Philosophy**
- **Psychology**

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From dust to treasure

Astronomy
Biology
Philosophy
Psychology

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From dust to treasure

* Astronomy
* Biology
* Philosophy
* Psychology

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From dust to treasure

Astronomy

Biology

Philosophy

Psychology
REQUIRE LEARNER PARTICIPATION
★ Require learner participation

★ Group discussion
★ Group presentation
★ Final performance

creativity
EVALUATION

- Topic
- Language expression
- Creativity
- Group collaboration
- Performance ability

discussion & presentation & performance

2015 IAU Hawaii DC.4.05, 17 August 2015
Movies of students’ presentation and performance
How to become a treasure?
We already are!