



# FROM DUST TO TREASURE

building a proper  
self-image through  
astronomy course



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# 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.**



# SENSE OF DUST



Feel like being a speck of dust floating in the universe.

**ASSURE**



A

# ANALYZE LEARNERS



<http://www.sojump.com/jq/4642858.aspx>

A screenshot of a web browser window displaying a questionnaire. The browser's address bar shows the URL [www.sojump.com/jq/4642858.aspx](http://www.sojump.com/jq/4642858.aspx). The page title is "大学生自我接纳程度调查 (questionnaire for the self-image estimation of college student)". The questionnaire content includes:

大学生自我接纳程度调查 (questionnaire for the self-image estimation of college student)

1. 你的性别 (Your sex is) : \*

- 男 (male)
- 女 (female)

2. 你的年龄是 (Your age is) : \*

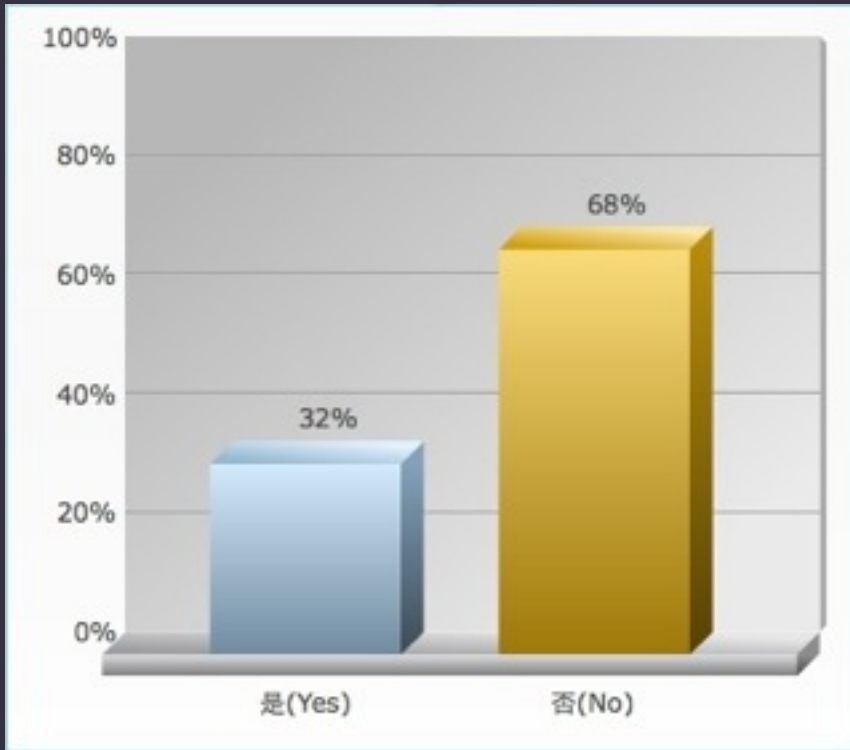
- <18
- 18-20
- 20-22
- >22

3. 你的专业属于 (Your major is) : \*

- 文科 (liberal arts)

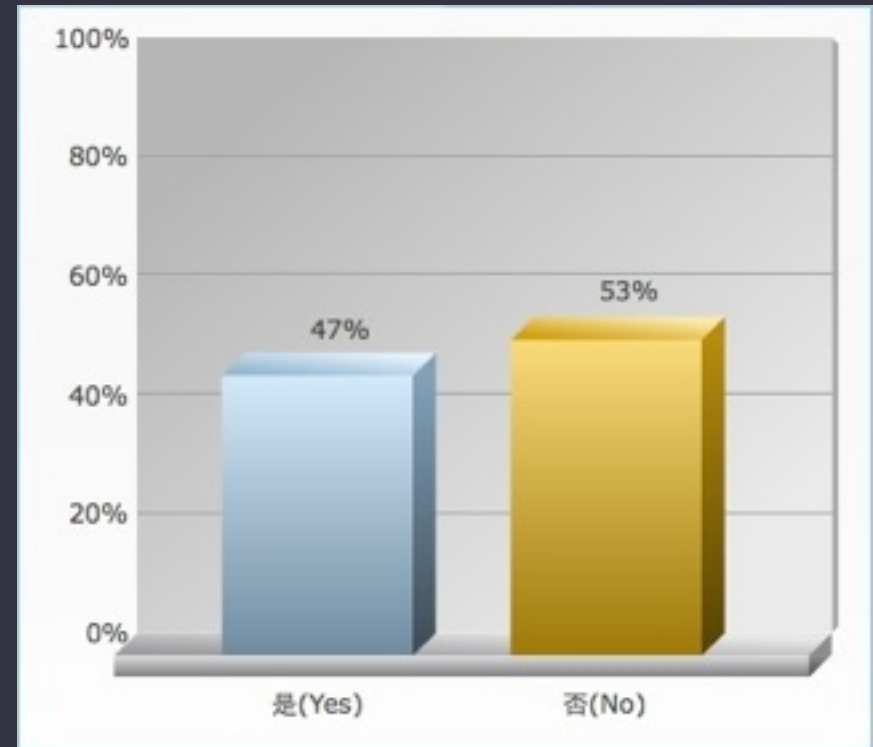
The browser interface includes a menu bar (QuickTime Player, File, Edit, View, Window, Help), a toolbar with navigation buttons, and a dock at the bottom with various application icons.

Do you usually care about the others' opinion of you, instead of caring for others' need?



unhealthy  
self-image

Do you usually feel depressed because of your shortcomings?



S

## STATE OBJECTIVES

- ★ **Try to help the students find out their specialty and uniqueness through astronomical teaching—**Astronomy introduction.****



WHAT MATTERS MOST  
IS HOW YOU SEE YOURSELF.



S

## SELECT TOPICS

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



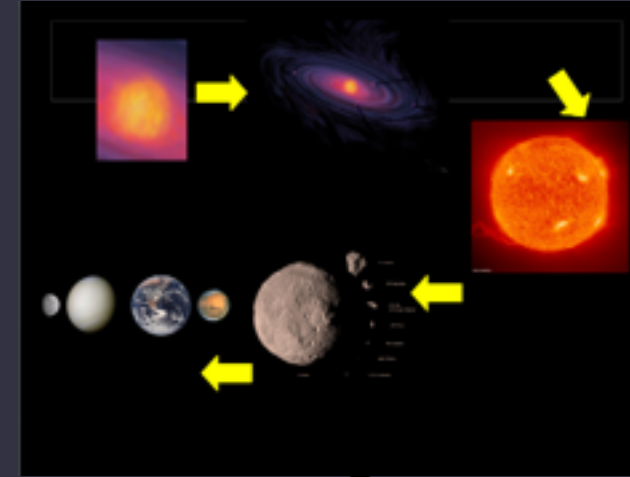
S

## SELECT TOPICS

- ★ **Solar system**
- ★ **Habitable planets hunting**
- ★ **From dust to treasure**
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- ★ Ancient remnants

U

## UTILIZE MEDIA, MATERIAL



★ **From dust to treasure**

★ **Astronomy**

★ Biology

★ Philosophy

★ Psychology



U

## UTILIZE MEDIA, MATERIAL



★ **From dust to treasure**

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

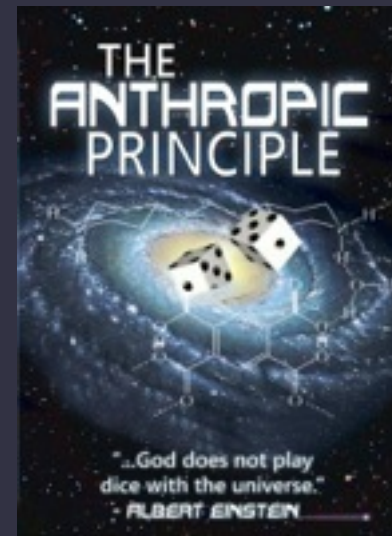


U

## UTILIZE MEDIA, MATERIAL

★ **From dust to treasure**

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



U

## UTILIZE MEDIA, MATERIAL

★ **From dust to treasure**

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





R

**REQUIRE LEARNER PARTICIPATION**



R

# REQUIRE LEARNER PARTICIPATION

creativity

- ★ **Group discussion**
- ★ **Group presentation**
- ★ **Final performance**





**E**

# **EVALUATION**

discussion &  
presentation &  
performance

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



Movies of students' presentation and performance

# 揭秘宇宙星空



# How to become a treasure?



**We already are!**