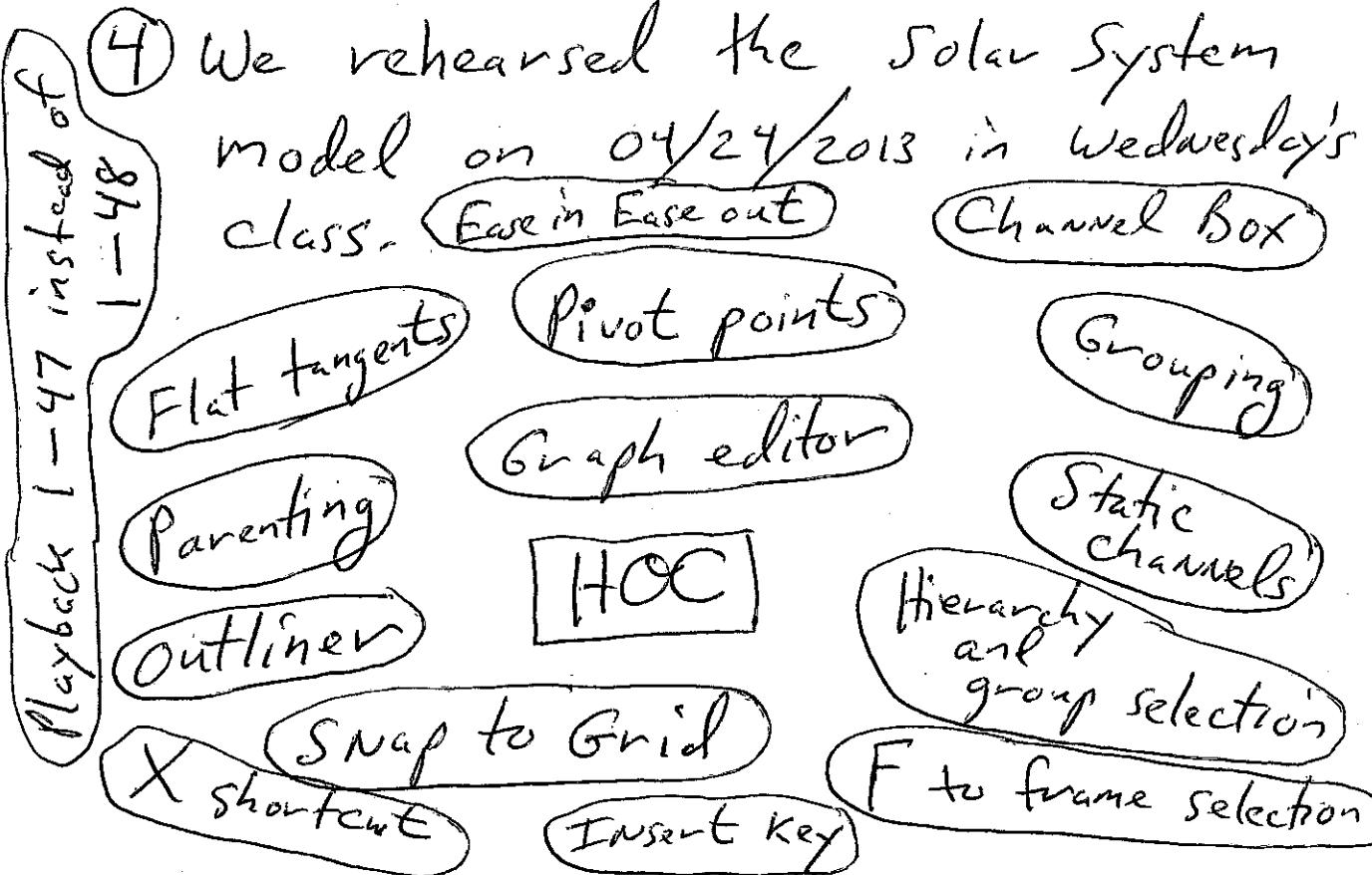


# SUN, EARTH, MOON Maya quiz

- ① Friday "quiz" will be hands on  
quiz — solar system
- ② Create a sun, earth, moon animation with following requirements:
  - i) Each will rotate on its Y-axis
  - ii) Sun will be scaled larger — Earth will be default scale — Moon will be scaled 0.6 —
  - iii) Earth will orbit the Sun —
  - iv) Moon will orbit the Earth —
  - v) The two orbits will have ease-in and ease-out tangents replaced by linear
  - vi) Textures or colors will be specified
- ③ Send attachment of the mb before time is up.



⑤ You will Need to rehearse/practice before 04/26 Friday quiz!!

**QUIZ FRIDAY APRIL 26**

⑥

In the Sun, Earth, Moon animation that we have done several times in class in order to review the Solar System example in chapter 3 of the Dariush Derakhshani textbook.

- i. Make the Sun and resize the object to larger.
- ii. Make the Earth and translate it (adjust the translate) so its in position exactly on a Gridline intersection by turning on Snap to Grid.
- iii. Make the Moon and scale it and translate it into position after turning off Snap to Grid.
- iv. Animate the Earth's Rotation on its axis
- v. Animate the Moon's Rotation on its axis

How many GROUPs must be created so that the moon can orbit the earth and the earth can orbit the sun in this Maya Sun, Earth, Moon animation?

orbit

orbit