

STS-134 Daily Mission Recap Videos – Watch the summary videos for each day of STS-134’s mission. Make a note of what you find surprising or interesting. This is DUE Thursday, June 2, 2011.

Date of Mission Recap	What I found interesting or surprising	Date of Mission Recap	What I found interesting or surprising
Flight Day 1 Mon May 16		Flight Day 2 Tues May 17	
Flight Day 3 Wed May 18		Flight Day 4 Thurs May 19	
Flight Day 5 Fri May 20		Flight Day 6 Sat May 21	
Flight Day 7 Sun May 22		Flight Day 8 Mon May 23	
Flight Day 9 Tues May 24		Flight Day 10 Wed May 25	
Flight Day 11 Thurs May 26		Flight Day 12 Fri May 27	
Flight Day 13 Sat May 28		Flight Day 14 Sun May 29	
Flight Day 15 Mon May 30		Flight Day 16 Tues May 31	
Flight Day 17 Wed June 1		<i>As you look over your notes, was there anything that stood out to you about this mission?</i>	



Name _____

STS-134 Daily Mission Recap Videos

http://www.nasa.gov/mission_pages/shuttle/main/index.html - look for Space Shuttle Videos & then the Daily Mission Recap Videos

The one hundred and thirty fourth flight of the Space Transportation System (STS) launched on May 16 from Kennedy Space Center in Florida and will return Wednesday June 1. NASA TV shows continuous video from the shuttle and International Space Station (ISS). Each day a short summary video is posted. Your assignment is to keep tabs on what is happening about 400 km (~ 250 miles) above the Earth during this mission. Go to the web site above or use the links from our class web page and view the STS-134 Daily Mission Recap videos for each Flight Day. Make a note of what you found interesting or surprising for each video. The most recent videos are posted on page 1.

The following information may be helpful to understand what the crews of STS-134 and ISS are doing.

STS-134 – STS stands for Space Transportation System flight number one hundred and thirty four. The space shuttle Endeavour will be in flight from May 16-June 1. It is the 25th **flight** of the shuttle Endeavour.

http://www.nasa.gov/mission_pages/shuttle/main/index.html

Timeline – Flash interactive giving the timeline for the mission http://www.nasa.gov/externalflash/134_flash/

ISS – International Space Station. http://www.nasa.gov/mission_pages/station/main/index.html

Crew – All of the STS-134 crew have been in space before but for some it is their first time going up in the shuttle, which means they went up in Russian rockets before. There are five Americans and one European Space Agency astronaut, the Italian Roberto Vittori. They will meet the current crew of the International Space Station (ISS), called Expedition 27. It includes five astronauts: Three Russian cosmonauts, two American astronauts and one European Space Agency astronaut. All five got to the ISS on the Russian rockets Soyuz #20 and 21, which are docked on the space station.

Soyuz – Russian rockets that take astronauts and cosmonauts to the space station. There are two docked at the space station currently. Two of the ISS crew (Soyuz 20) will leave the space station during STS-134's stay.

AMS – Alpha Magnetic Spectrometer - STS-134 will place this experiment on the outside of the space station. This physics and astronomy experiment is a particle detector that will collect charged particles that are coming from stars and galaxies. Collection of these particles is important to the three missions of AMS – the search for antimatter, the search for dark matter and the measurement of cosmic rays. The first two help us understand our universe better and how it was created, and the third gives us measurements that will help in planning for long term missions to Mars. <http://ams.nasa.gov/about.html>

EVA – Extravehicular Activities, or Spacewalks – STS-134 will perform 4 spacewalks, one which will be about 8 hours long. They will be doing maintenance for the space station and getting it ready for the long, long period of time when no shuttle will be returning with supplies.