

Points of Emphasis

Feedback from teachers and volunteers has been instrumental to the improvement of the Space Week experience and has been incorporated in this addendum to "Mission: KSC Space Week Teacher's Guide for Launch Specialists."

- **Pre/Post Test:** The on-line Pre/Post test is a critical component of the Space Week program. The results of this assessment provide the district-wide data that justifies the continuation of funding and is essential to program evaluation. A copy of this test is in "Mission: KSC Space Week Teacher's Guide for Launch Specialists. (The web version does NOT include the tests.)
- **Activities:** Activities in the "Mission: KSC Space Week Teacher's Guide for Launch Specialists" reflect the science behind man's exploration of space, NASA's focus on the colonization of the moon, the eventual manned launch to Mars and prepare students for their visit to KSC including the new **Shuttle Launch Experience (SLE)**.
- **Benchmarks:** Benchmarks from the Physical Science Body of Knowledge (BOK), taught at the beginning of the year in grade 6, align very well with the Space Week activities. Six (6) Physical Science benchmarks are taught through these activities, four (4) of them multiple times. Therefore, these lessons/activities support student preparation for the district required assessments. Additionally, Space Week provides support in teaching the benchmarks from the Nature of Science BOK. Seven (7) Nature of Science benchmarks are taught through these activities, four (4) of them multiple times. NOTE that only one (1) Earth and Space benchmark and one (1) Life Science benchmark are taught through Space Week activities.
- **Teacher Notes:** The agenda for the Space Week study trip provides for a full day of activities. In order to get the most out of this experience, it is critical for each school's Space Week Contact to take the lead in the following:
 1. Have an assigned area for the KSC busses to park at your school that won't conflict with the BPS school busses. Get the packet of schedules, information, and wristbands from the KSC driver when he/she arrives.
 2. Make sure that all chaperones are adequately prepared to supervise the students. Review "Chaperone Guidelines" with them in advance found in "Mission: KSC Space Week Teacher's Guide for Launch Specialists" pg. 2.
 3. Check that all students and adults with special dietary needs, including vegetarians, have brought their own lunch.
 4. Make sure that all students, teachers and chaperones wear their wristbands at all times. Wristbands can be found in the packet received from the KSC driver. Extra wristbands must be turned in upon arrival at KSC.
 5. Please remind everyone in your group to be courteous at all times.
 6. Students may bring cameras at your discretion.
 7. Bring pencils for the Scavenger Hunt. Students will work in groups of 4-5, (2 groups per chaperone) with each group needing one pencil. The 4 Scavenger Hunt clues will be given to the chaperones upon arrival at the Apollo/Saturn V Center, to be reviewed when you return to school.
 8. The Space Week Contact/Lead Teacher will pick-up a storage bag at registration. This bag will be used to hold student/chaperone personal belongings while riding the Shuttle Launch Experience. The empty bag will be returned to Space Week personnel at the departure gate.

- **Chaperones:** Note that for the KSCVC trip we are limited to one chaperone per ten (10) students and that **teachers are considered chaperones.** For example, a school with 100 sixth graders attending can have 10 chaperones. If 4 teachers are attending, then only 6 parents can chaperone.
- **Use the Guide:** Make sure you utilize "MISSION: KSC Space Week Teacher's Guide for Launch Specialist" to prepare you and your students for Launch Day (the study trip).
- **Pre-Launch Curricular Support:** This section contains a number of activities for classroom use.
 - **Minimum Curricular Requirements (MCR):** Teachers are expected to prepare their students for Brevard Space Week by performing these activities prior to the study trip. These in-class activities, combined with the Space Week experience, contain information the students will need in order to successfully answer the questions on the Post Test.
- **Extensions to the Curricular Requirements (ECR):** These activities are provided to further enrich the pre-study trip learning experience and extend the post-study trip experience. They are to be used at the teacher's discretion.
- **Post Launch Debriefing:** Teachers may also choose from the many activities provided in "Mission: KSC Space Week Teacher's Guide for Launch Specialists." As a follow-up curriculum, these activities serve to: 1) replicate study trip activities in the classroom, 2) solidify addressed concepts, and 3) extend learning opportunities.

These activities are designed to enhance the launch day experience, reinforce motivation for careers in science and facilitate participation in the free response questions contained on the Space Week Post Test. Please keep in mind that the Pre/Post Test is the primary instrument for determining the efficacy of the Space Week experience and is crucial to the continuation of funding.

- **Mission Support:** This section contains information that might be useful to you as you enter the world of KSC. After the study trip, you will receive a "Mission: KSC Family Activity Guide" for each student in your class. Reviewing this guide with your students will help them become expert "Mission Specialists" when they return with their family to tour KSC. Their FREE Family Admission Certificate will be issued from the Office of Elementary Programs. **ENCOURAGE YOUR STUDENTS TO USE IT!**

Good luck as you embark on this fantastic mission - Mission: KSC!