### PK Planet R theme: Using Hands or Machines

[Galaxy] [40 minutes] [Date]

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| Content FocusDescribe what the students will learn. |
| TECHNICAL | ACADEMIC | 21ST CENTURY SKILLS |
| What is work?Hand-eye coordination | ListeningReadingResponding | CollaborationCommunicationProductivity |
| 6E Lesson OutlineDescribe what learning activities the student will do. |
| TIME | SEQUENCE | DESCRIPTION OF LEARNING ACTIVITY |
| 5 min | Get Started / **Engage**: Focus on the class and the lesson topic. | Show students the Teacher Aid Pre-K sheet describing the big question and what they will be doing as they follow Traveler the Comet to Planet R. |
| 5 min | Discover / **Explain**: Provide new information or demonstrate a skill. | Talk about the first planet they will encounter, R realistic.Using the computer, they will watch a video, work at an activity and answer questions.Discuss the vocabulary they will encounter in this lesson.Show them the color sheet and have them start by coloring their astronauts and give them faces through the glass. Write their names under the astronauts.  |
| 10 min | **Exploration**: Provide opportunities to practice independently or in groups. | **Option 1:** if you have computers for all students:Log on to computer and start program; follow program until end of video. You can stop here and discuss or go on to activity. You can also go through questions as a group or let them answer questions with program.**Option 2:** Using only the teacher computer and projector, this options allows a group to watch videos together and would allow students, one at a time, to do parts of the drag-and-drop game [game can be repeated until all have a chance to practice]. The questions would be more of a discussion. Don’t be afraid of answering wrong; it will tell you the correct answer and that can be another discussion.At the end, have them color the R planet badge sheet. |
| 10 min | Check for Understanding / **Elaboration**: Monitor what is being learned. | Have them talk about videos with partners.Have them talk about game with partners.Have them talk about questions after finished. |
| 10 min | Close / **Evaluation**: Summarize, check and answer questions. | Can do group evaluation of asking the questions again and allowing them to move to either play or work.Can also ask what other things can be considered work and why.Ask what things can be considered play and why.**The I statement:** Have them each define what work means to them. This can be done in conjunction with occupation cards or slides.At the end, students will color the comet and take home the badge sheet.Send home the R planet badge sheet along with the Parent Suggestions for supporting their child’s learning. |
|  | Support, Modifications and **Extensions**: Support learning for all students. | Make sure the program is reading to the students. |
| Materials and Resources—What do you need to assemble and prepare before the lesson? |
| Color Sheet RTeacher Aid Pre-K SheetBig Question and Learning ObjectivesPre-K I Statements and Questions from Planet R21st Century Skills SheetPK Occupation Cards: Fireman and FarmerVocabulary Sheet |
| Reflection—Did the students learn the content outlined in the lesson focus? How do you know they did or did not learn? |
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