Interactive Activities for Exploring Science and Social Studies

These websites provide ideas for hands-on science and social studies lessons. You can incorporate these activities into your program to offer school-age children fun opportunities for learning.

Science

1. Everyday Science and Other Hands-on Activities
   The Public Broadcasting Service (PBS) website provides a wealth of simple activities for children in kindergarten and elementary school. The activities are easy to implement in afterschool programs and require very few materials. The topics include studying shadows, creating flying machines, science in the kitchen and the supermarket, and many more. The website also has interactive educational computer games that children can play independently.  
   www.pbs.org/parents/education/science/

2. Web Adventures – Explore Science with Interactive Online Games
   Rice University's Center for Technology in Teaching and Learning offers award winning free online games that are both engaging and educational. This website is designed for students in middle school and high school. Children review an online learning module to become and work with expert scientists to explore various science careers, reconstruct crime scenes, study neurology, and learn how diseases affect the human body and more.  
   http://webadventures.rice.edu/

3. Lessons, Quick Activities, and Science Clubs
   This website provides a variety of science activities for children in pre-k through high school. Explore the resources which include step-by-step lessons, quick activities, and tips for starting science clubs.  
   www.reachoutmichigan.org/science.html

Social Studies

1. K–12 Interactive Online Learning Activities
   The Utah Education Network compiled interactive games and learning modules for children to explore. There are activities for learners of all ages and ability levels. Topics include geography, history, ancient civilizations, government, and global current events.  
   www.uen.org/k12student/interactives.shtml

2. Social Studies Activities
   Authored by a team of educators, the Colorado Department of Education provides instructional unit samples in social studies for kindergarten through high school.  
   https://www.cde.state.co.us/standardsandinstruction/instructionalunits-socialstudies#kinde