

## Science Modifications

- Use Paint 'N Swirl to create backgrounds for science projects and displays. The student chooses the colours.
- Use the Powerlink and electric stapler to put science booklets together for the teacher.

- Survey classmates or people in the school or community around questions that relate to the science topic. E.g., For Conservation ...
  - Do you have a compost bin that you use?
  - What kinds of things do you place in your garbage?
  - Do you take your cans back to the store, throw them in the garbage or place them in your blue box?
  - What do you do to avoid taking the car when you need to get somewhere?



- Classmates could make up riddles based on a science theme the class is studying. They could be recorded on a tape recorder and the student could access a switch to play them back during sharing time. Classmates try to guess the riddles.
- Write a song related to a classroom theme. Take a very basic, simple song that the class all knows. The student could help make choices to substitute characters and/or activities or events with those relating to a particular theme. [The student could also access the switch to light up the overhead projector to assist classmates to learn the song. (e.g., "Twinkle, Twinkle, Little Star" could be rewritten with words and phrases about Jupiter).]

- The student and classmates nominate someone for a science award and explain why. This can be recorded on a Voice Output Device.



- Make up a crossword puzzle using words from the science topic. The assistant could record the questions (e.g., #2 down...) on a Step-by-Step Communicator with corresponding blank crossword puzzle sheets. The student would assist

classmates during centre time to listen to the clues and fill in the crossword together.

- Create clues for a Treasure Hunt for a science artifact. The student could work with the assistant or a fellow classmate to record clues on a tape recorder. This activity could be used with the resource teacher and students to assist them in listening to directions.
- Recycling as a conservation science theme: Switch activate a can opener to remove lids from cans for recycle bin. Classmates can bring cans from home.
- Use switch operated mixer for Paper Maché or cookie dough to make models for themes. The student may make some colour choices.
- Switch activate a voice output device or a tape recorder with a pre-recorded tape with interesting facts about the subject being studied.
- Some audio stories with read-along books may also suit science themes.

• Pair down the concepts in the science unit for the student. For example, have the student match or sort pictures or objects that relate to the science theme. This communication activity board has also been paired down to simplify this sorting/matching task.



- Make a collage about a theme or topic the class is studying. (e.g., anything to do with fish: fish and chips, frozen fish, aquarium, water scenes, etc.) The student could rip out pictures from magazines and paste with a glue stick with hand over hand assistance. A switch can also be used with electric scissors operated by a peer.
- Make a mobile, which relates to a theme the class is studying, (e.g., solar system and any pictures or objects which relate to that theme). The student could work at sorting which items relate to the theme.
- Have the student make popcorn for classmates with a popcorn popper before a science movie.
- Give the steps for a science experiment using the voice output device. Arrange for a small group and classmates work through this station.

- Use art ideas to create backgrounds for socials and science projects and displays (e.g., make sponge prints or Spin Art backgrounds for a science mural or bulletin board borders).



- Help collect and deliver worksheets for classmates.
- Help the teacher with photocopying.
- Operate a paper shredder to make nesting material for class pets.
- Classroom announcements (including homework, clues, tips, reminders to work quietly) e.g.,
  - Today's tip is....
  - Don't forget your science homework sheets!
- Operate a mixer for play dough to make models for themes (planets, shadow box). The student chooses the colours as well.
- Provide instructions such as page numbers or question numbers for assignments (e.g., turn to page 12 of your Science booklet.)

- Provide answers to a science homework question.
- Provide a skill testing science question regarding the concepts being studied. (e.g., for bonus points)



- Have the teacher record reminders about when a science project is due to be completed on the Step-by-Step Communicator.
- Deliver messages for the teacher, e.g.:
  - My teacher needs some overhead transparencies. Do you have any that she can borrow?
  - Dad, please sign the permission slip in my backpack so I can go to Swan Lake Habitat Museum next week.
- Gather materials for up-coming science activity for the teacher.