

Magnetic Objects

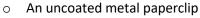
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Activities such as this one are designed to enhance restorative nursing and rehabilitation programs by enabling residents and staff to become more engaged and interested in participating, and can also be implemented readily in homes and other settings.

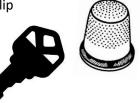
Purpose: Exercise range of motion; Enhance fine and gross motor skills; Practice use of tools

MATERIALS

- o A tray
- Two to three pounds of uncooked rice
- A 4" to 6" deep plastic storage container to hold the rice
- A magnetic wand (attach a magnet to a stick or purchase one at a teaching supply store)



- A thimble
- A keyA metal button





ATTENTION: Please be cautious and supervise the participant's use of the objects since they may pose a choking hazard if a participant tries to put the objects into the mouth.

<u>SETUP</u>

- 1. Pour the rice into the container so that it is at least an inch deep.
- 2. Hide the paperclip, thimble, key and metal button in the rice.
- 3. Set the pan on the tray.
- 4. Place the tray in front of the participant.
- 5. Lay the magnetic wand next to the tray.

INSTRUCTIONS

- 1. Pick up the magnetic wand.
- 2. Demonstrate how to move the wand about a half an inch over the rice.
- 3. Continue to wave the wand until one of the magnetic objects surfaces to the top of the rice.
- 4. Extract the magnetic object and set it next to the tray.
- 5. Give the wand to the participant.
- 6. Encourage the participant to try to find the rest of the objects.
- 7. After the rest of the objects have been found, tell the participant that you want to put the objects back in the rice.
- 8. Demonstrate by taking the wand and picking up one of the objects.
- 9. Use your other hand to pull off the magnetic object and drop it on top of the rice.
- 10. Use your index finger to push the object into the rice so that it is hidden.
- 11. Hand the wand back to the participant.
- 12. Ask the participant to hide the rest of the items in the rice by following steps 8-10.



EXTENSIONS

Hide other objects in the rice that can be retrieved by a magnet.

HORIZONTAL PROGRAMMING

For a GROUP ACTIVITY, bring in different items of magnetic and non-magnetic materials. Pass out a magnetic wand to all of the participants. Have the participants vote on whether or not the material is magnetic. After the discussion is complete, walk around the group and have each member touch the material with their wand to see if their guesses were correct.

VERTICAL PROGRAMMING

DOWNWARD EXTENSION

- If the participant is having a difficult time finding the items or making them surface to the top of the rice, keep the objects partially exposed in the rice. If this is still too difficult, lay the magnetic objects on top of the rice and instruct the participants to pick the objects up with the wand.
- > Allow the participant to find the objects using their hands.

UPWARD EXTENSION

- Create a template for the magnetic objects. On the template, apply a magnet with adhesive backing near word labels for each object. Place each object on the magnet next to its word label on the template. Instruct the participant to take the objects from the template, hide them in the rice, bring them to the surface with the magnetic wand, and then return them to their correct locations on the template.
- As part of intergenerational programming, have the participants select objects, create corresponding templates, and demonstrate the activity to children.

PROBLEMS AND SOLUTIONS

P: The objects fall off of the wand or are not able to come to the surface with the use of the wand.

- S: Use lighter magnetic objects.
- S: Use a stronger magnet.
- P: The rice seems to weigh the objects down too much.
 - S: Fill the pan with shredded paper or confetti instead.
- P: The participant does not know what to do with the object after it is found.
 S: As each item is found, have the participant place it on top of its picture on a template card beside the tray. The activity is over when all items have been recovered and placed on the template.



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