

Early Childhood Education Newsletter

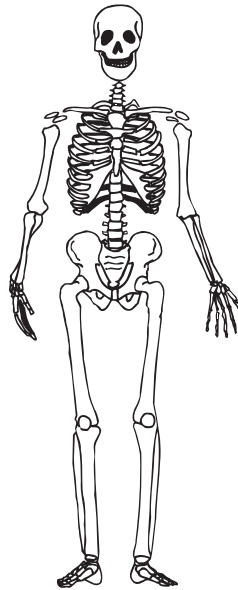
Issue 4 August 2009

Theme: The Human Body and Communicating

Young children are fascinated by their own bodies as they are constantly finding out new things that they are capable of doing. Tap into this fascination by encouraging them to use science communication skills. Use the five senses to describe what they can see, feel, taste, smell or hear. For example let them try different flavoured jelly beans with their eyes closed - can they still tell what flavour they are?

Ask them to share their favorite smell and colour and display these as a simple graph or pie chart.

Can they describe what they are feeling when they breathe in? What do their bodies feel like when they have done 10 star jumps?



Early Childhood Education Programme Schedule 2009

Out of this World

2 June - 3 July
20 July - 14 August

Inside Me

17 August - 16 October

Machine Madness

19 October - 18 December

For more details, please refer to our 2009 ECE brochure or call (03) 365 5199.

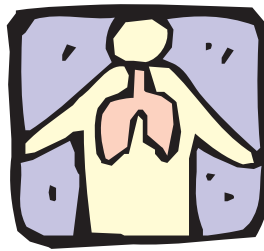
Go with the Flow

Starting in August the Interactive area at Science Alive! will have the theme of air and fluid movements. There will be many hands-on exhibits suitable for all ages including some old favourites such as the slap-o-phone and viscosity tubes.

Resources for Hire

Human Skeleton (plastic) *
Torso with removable body parts *
Brain Model
Eye Model * **new!**
Hands-on Bones

Please contact Gail on (03) 3655199 for more information



Watch for our Machines newsletter coming in October. Or choose to receive news and updates via email. Just send your contact details to community@sciencealive.co.nz.

Human Body Links

Literature:

The Human Body by Gallimard Jeunesse and Sylvaine Peyrols
The Magic School Bus Inside the Human Body by Joanna Cole and Bruce Degen
Me and My Amazing Body by Joan Sweeney and Annette Cable
Flip Flap Body Book by Alistair Smith and Judy Thatchell

Internet Sites:

www.fitnesspreschool.com/index.php/activities/bodypretzels
ww.atozteacherstuff.com/printables/human_body/index.shtml
www.preschools4all/preschool-science.html

Bringing Science To Your Classroom

Make a Model Lung

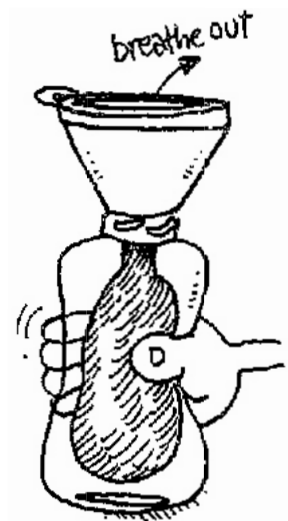
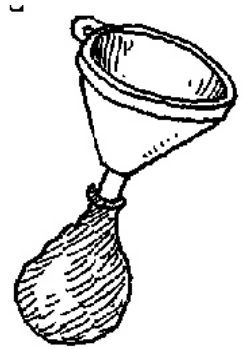
You will need:

- balloon
- clear plastic bottle
- funnel (approx 15cm wide)

Instructions

1. Blow up the balloon and let the air out 10 times. This will make it nice and baggy.
2. Push the mouth of the balloon over the neck of the funnel.
3. Push the neck of the funnel and the balloon into the plastic bottle. The balloon should be partially inflated
4. Squeeze the side of the bottle and let go. Do this several times.

The balloon should 'breathe' just like a real lung.



Make a Stethoscope

You will need:

- a 50cm length of tubing (from Para rubber)
- bluetack or plastercine
- cellotape
- a small funnel
- a large funnel
- a balloon

Instructions

1. Insert the neck of the small funnel into the length of tubing. (take the small funnel when you go to buy the tubing to ensure a snug fit)
2. Insert the other end of the tubing into the large funnel.
3. Seal around the neck of the funnel with bluetack or plastercine.
4. Blow up the balloon and let the air out a couple of times.
5. Cut off the neck of the balloon and stretch the balloon over the large funnel.
6. Tape around the edge of the balloon to hold it in place.

Place the large funnel over the heart and put the small funnel to your ear.