

Keep this sheet.
Collect them all!



Explore your world with this Science-to-Go backpack



Books in this backpack

- **Are You Ready for Summer?**
by Sheila Anderson
- **Beneath the Sun**
by Melissa Stewart
- **Growing Vegetable Soup**
by Lois Ehlert
- **Summer Days and Nights**
by Wong Herbert Yee
- **Waiting for Wings**
by Lois Ehlert

Idea!

Choose a favorite
summer book and
act it out.

More books
at your
library

Blueberries for Sal. Robert McCloskey. E MCCLOSK
Every Season. Shelley Rotner. E508.2
From Caterpillar to Butterfly. Deborah Heiligman. E595.789
Scoot! Cathryn Falwell. E FALWELL
The Seasons of Arnold's Apple Tree. Gail Gibbons. E GIBBONS

Local Connection

During
Summer, visit
the library and sign
up for Summer Reading!

Enjoy your local
beaches and parks.



Nothing says summertime like blowing bubbles. But what are bubbles filled with? In this activity, children play with bubbles in water, discovering that bubbles are full of air, and that air has substance. This is a great outdoor activity.

What you need:

- Big clear container (example: plastic bowl or Tupperware)
- Small clear container (example: baby food jar or medicine bowl)
- Water
- Straw
- Towels (optional but very handy)

Try this:

1. Fill the large container not quite full of water. Place it somewhere you don't mind getting wet (the bathtub, outside, etc.).
2. Show your child the small, empty container. Is there something in the container? What do they think will happen when the container is placed in the water?
3. Time to roll up sleeves! Put the small container (open-end first) into the water. Then, tip the container up slowly so the air can escape as bubbles.
4. Now it's your kid's turn. Younger kids might just want to play and explore, and that's great. Encourage them to talk about what they notice.
5. After they're done exploring, bring out the straws. Ask your child to put their hand on their chest and breath deep. Do they feel their chest move?
6. Ask them to take another deep breath and this time, blow into a straw.
7. Encourage them to use the straw to blow onto the water to create "wind" (moving air) and into the water to create bubbles (trapped air).

Rhyme

Summer

A little boy went walking
 One lovely summer day.
 (walk index and middle
 fingers of one hand)

He saw a little rabbit
 (raise index and middle
 finger of other hand)

That quickly ran away.
 (hide rabbit behind back)

He saw the shining river
 Go winding in and out,
 (make winding motion
 with both hands)

And little fishes in it
 were playing all about.
 (wiggle index fingers
 up and down)