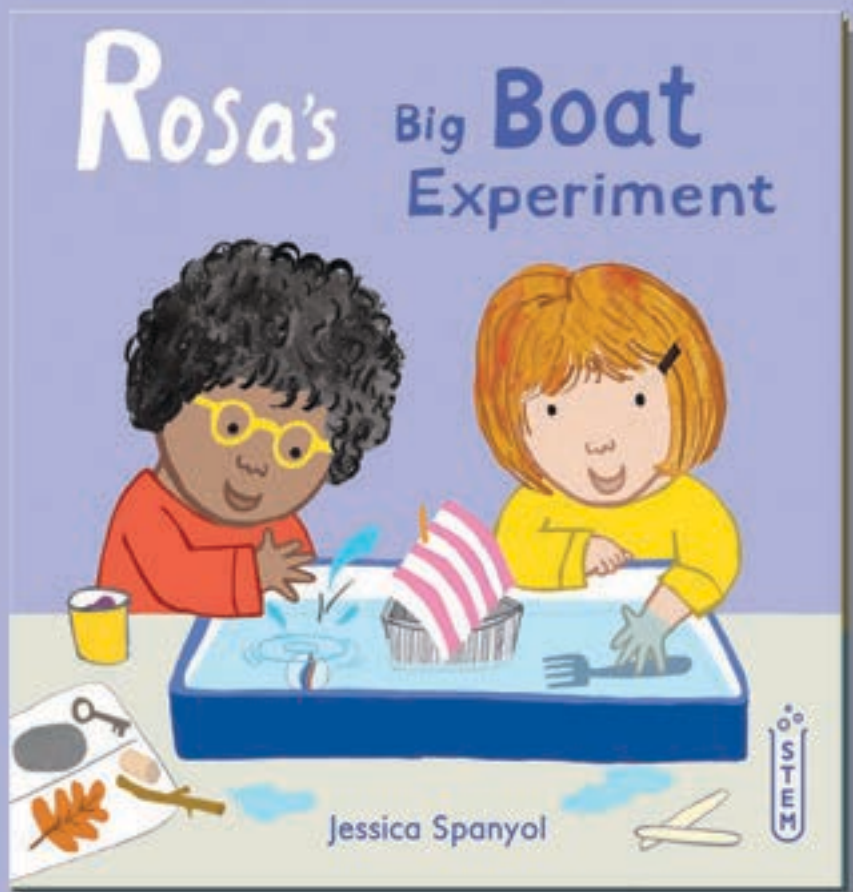


# Rosa's Big Boat Experiment

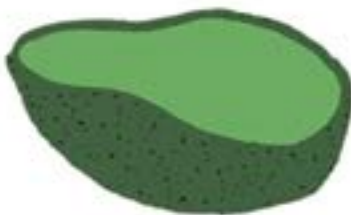
A pack of printable activities  
to accompany the book  
"Rosa's Big Boat Experiment"  
by Jessica Spanyol.

STEM



# Rosa's Big Boat Experiment

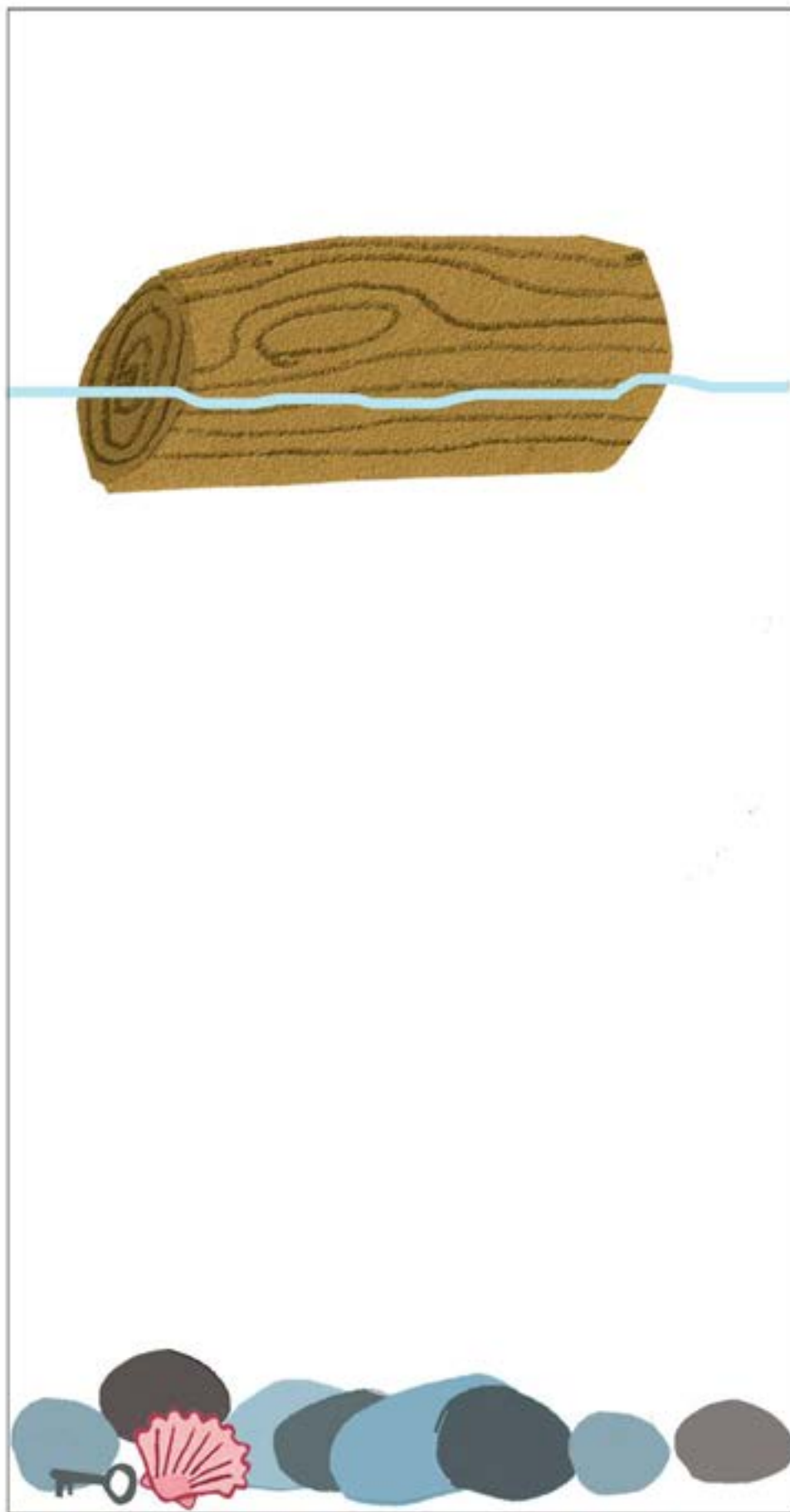
Read Rosa's Big Boat Experiment and find out which things float and which things sink.  
Cut out these objects (You can do this roughly, leaving lots of white paper around the edges.)  
Stick them onto the sink and float poster (on page 2.)



Sink

float

# Rosa's Big Boat Experiment



Paint/colour in some water  
← here.

You could use very watery paint so you can still see the log floating in the water and the pebbles sunk to the bottom.

Or try using a pencil crayon and shade over the pebbles. Cut out and stick on backing paper.



Oops! I've dropped my key. Can you see it?



# WILL IT SINK OR WILL IT FLOAT?



Put some water in a bowl/tub.

Find some objects.

Guess if you think your object will sink or float and put a small red dot in either the sink or float box. ●

Test the object - Did it sink? Did it float?

Put a yellow star to mark your answer in the sink or float box. ★

Did you guess right?

Remember it does not matter if you did or not, it is doing the experiment that is the fun bit!

<i>Object</i> <i>Draw or write</i>	<i>Sink</i>	<i>float</i>

# Rosa's Big Boat Experiment

Jamil has made his boat using half an avocado skin



Some tape



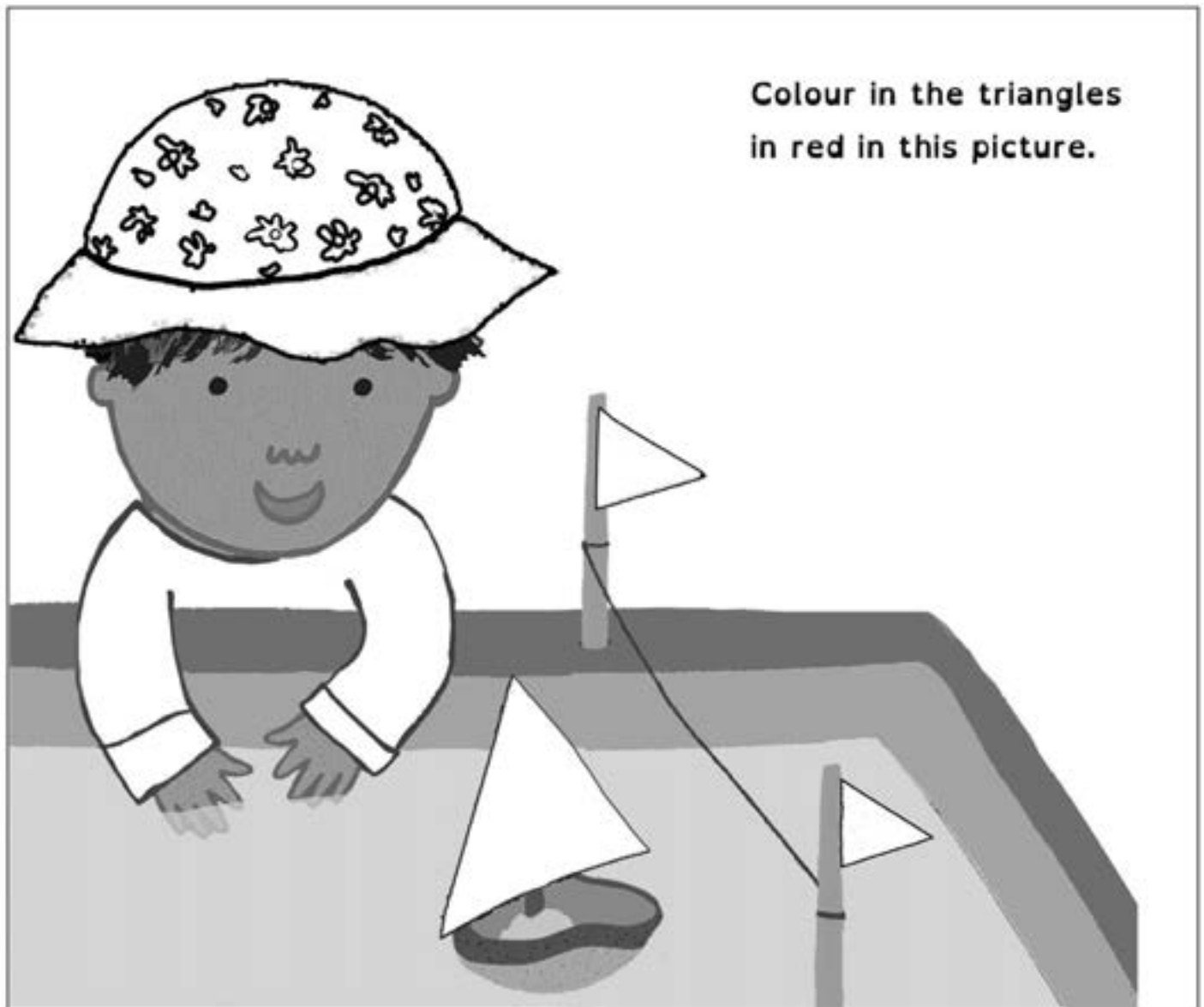
A blob of playdoh



A stick



Jamil has cut out a triangle shape from some paper to make his sail



Colour in the triangles  
in red in this picture.

## Pen Control Sheet

# Rosa's Big Boat Experiment

Rosa and her friends have made some boats that float.  
Join the dots to make waves.



# Rosa's Big Boat Experiment

Colour in this picture of Rosa and Snowy dog.

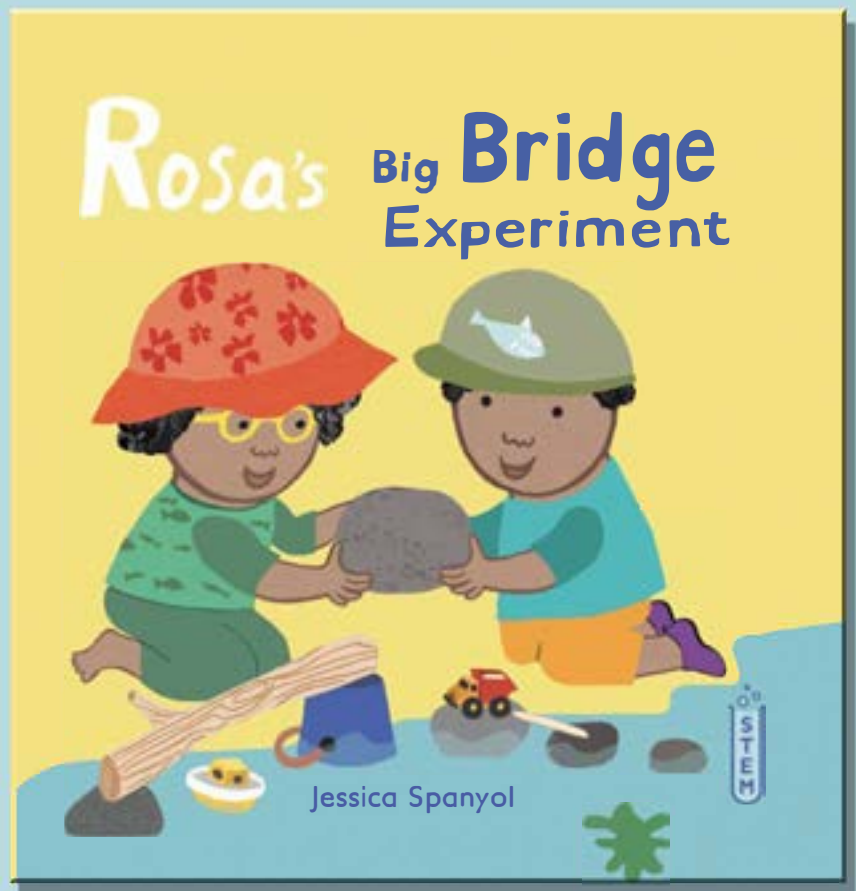




# Rosa's Big Bridge Experiment

A pack of printable activities to accompany the book "Rosa's Big Bridge Experiment." by Jessica Spanyol.

STEM



# Rosa's Big Bridge Experiment

Rosa and her friends love building bridges. Which one is the longest?

Please draw something to go on top of each bridge and something to go under each bridge. Thank you!



# Make Pictures of Little Bridges

Here are some pictures of rocks, pebbles, planks of wood and sticks.

Cut these out and stick together to make pictures of little bridges.



You could stick them onto black paper.



# Rosa's Big Bridge Experiment

## SPOT AND COUNT

How many boats?

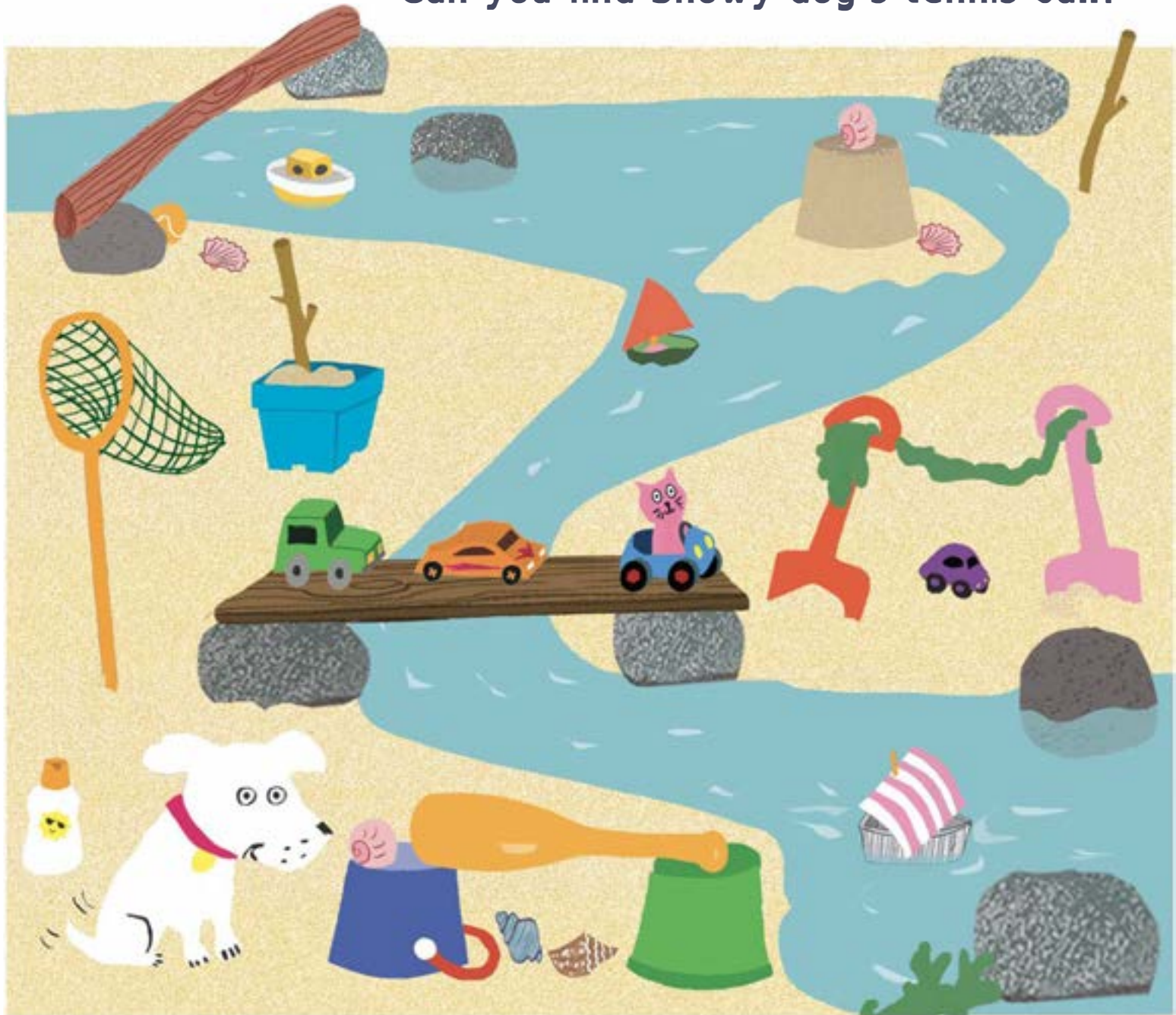
How many shells?

How many rocks?

How many bridges?

How many cars?

Can you find Snowy dog's tennis ball?



# Rosa's Big Bridge Experiment

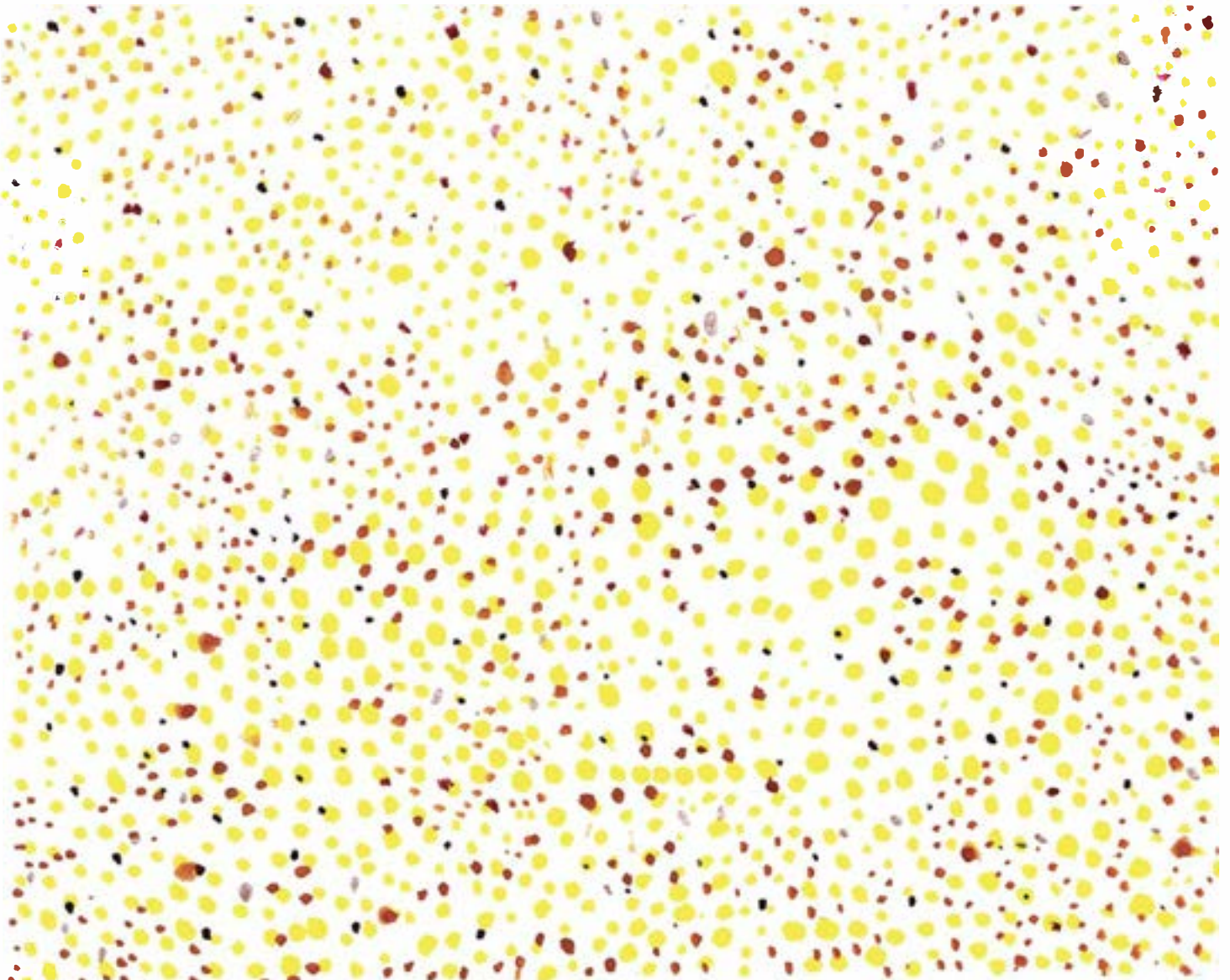
"Sand is made of tiny particles of rock."

## DRAW YOUR OWN SAND.

Use pens, pencils, felt tips, paint  
(Any drawing, painting things you have)  
Make lots and lots and lots of little dots to  
make a picture of your own sand.



Draw on a sheet of paper or add some more dots to this sand picture.



# Rosa's Big Bridge Experiment

STEM

**BUILD YOUR OWN BRIDGE.**

Rosa has built some little bridges with toys and things she has found around her home.

**Make your own bridge.**

**Is your bridge stable?**

**Can you balance anything on your bridge?**



# Rosa's Big Bridge Experiment

Colour in this picture of Rosa.



# Rosa's Big Sunflower Experiment

A pack of printable activities  
to accompany the book  
"Rosa's Big Sunflower Experiment"  
by Jessica Spanyol.

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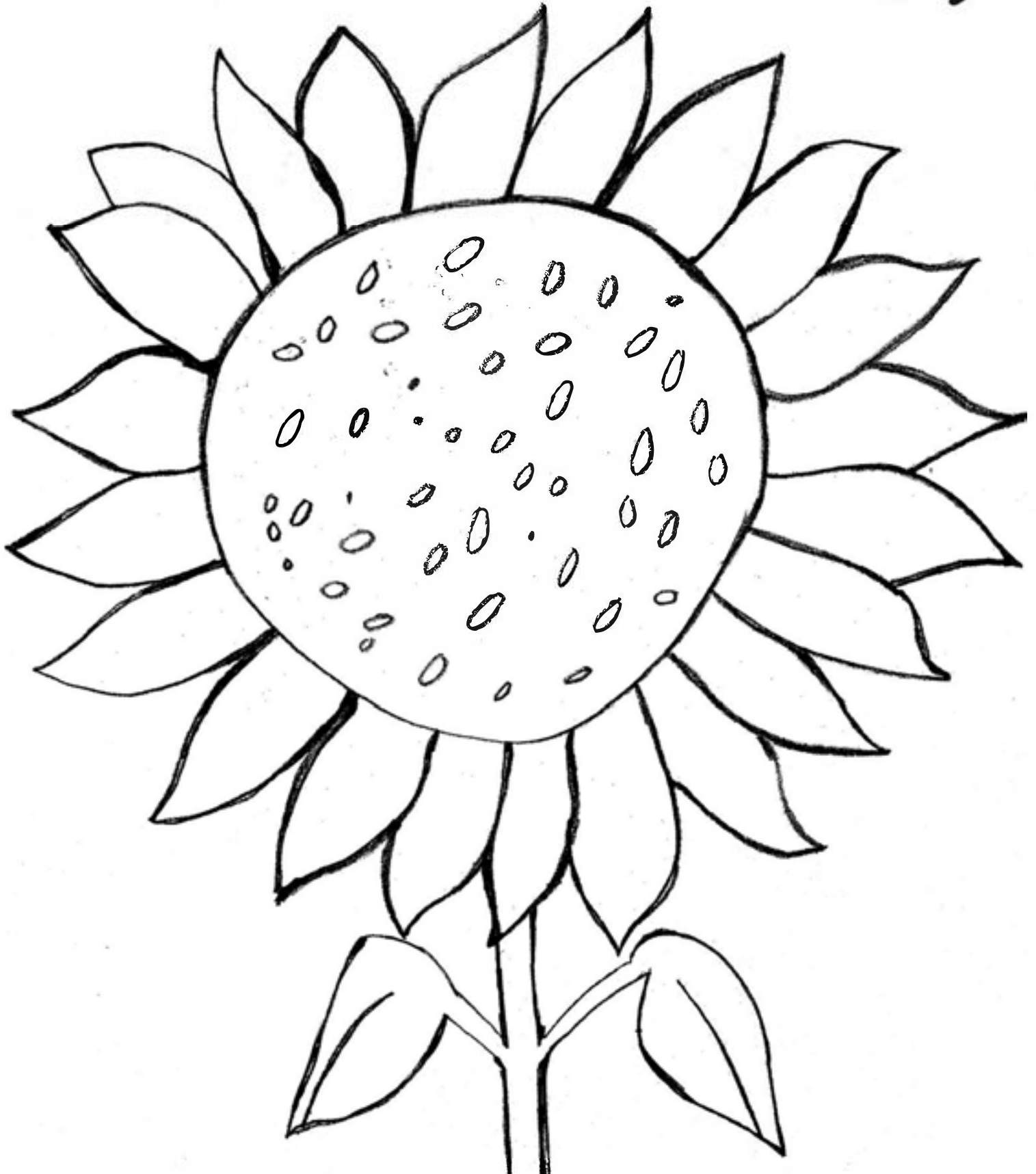
# Rosa's Big Sunflower Experiment



Colour in with paint, pens, crayons or pencils.

Stick together the 3 pages to make a tall poster of a Sunflower.

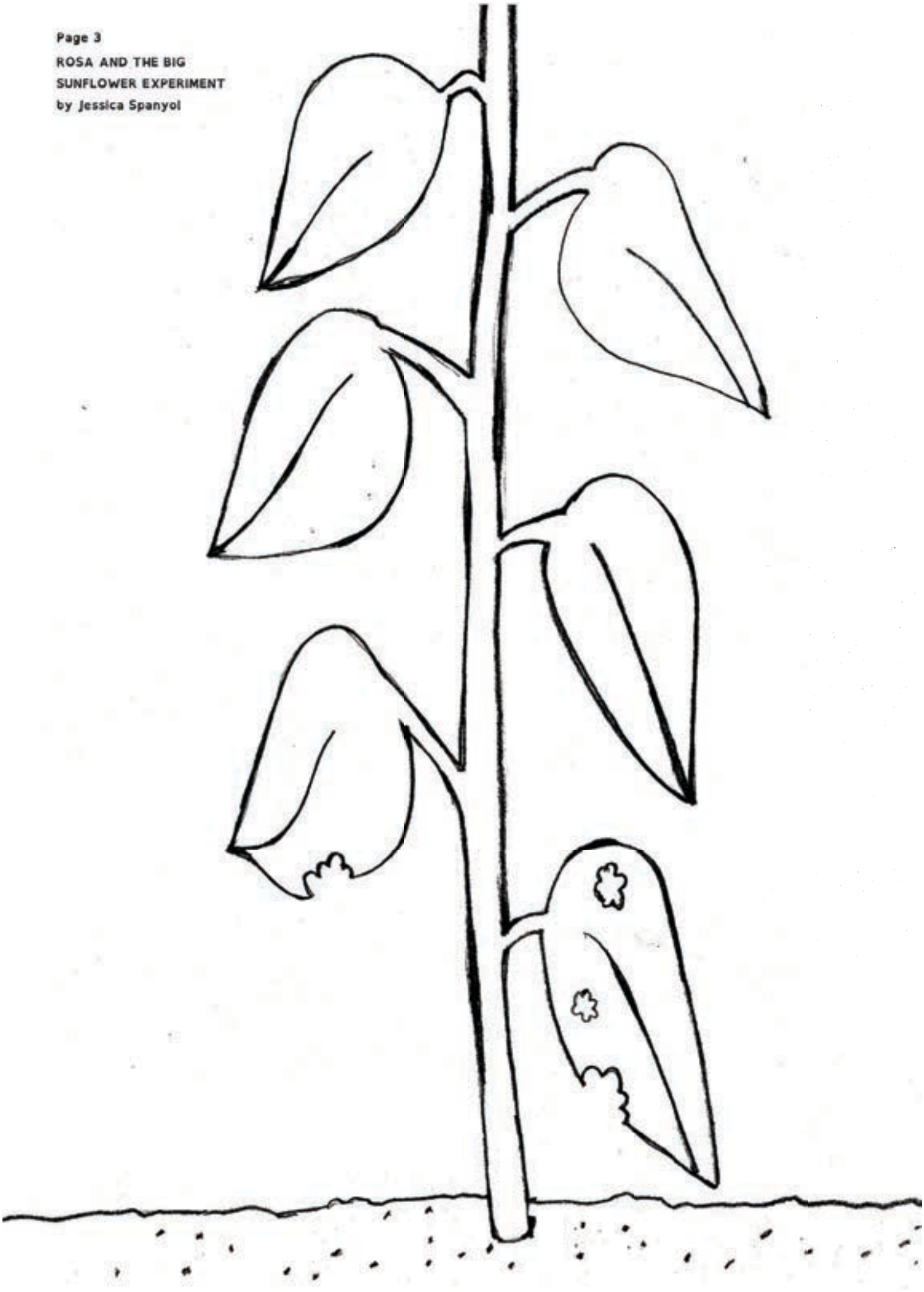
Use page 4 to cut and stick labels and minibeasts onto your poster.





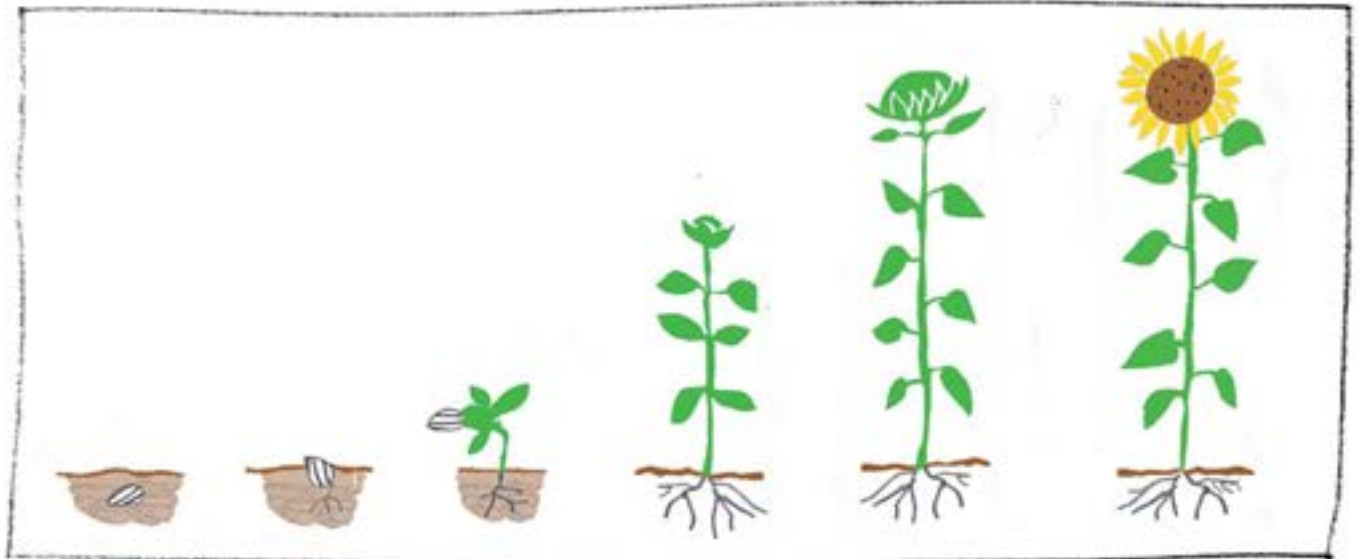
ROSA AND THE BIG  
SUNFLOWER EXPERIMENT

by Jessica Spanyol

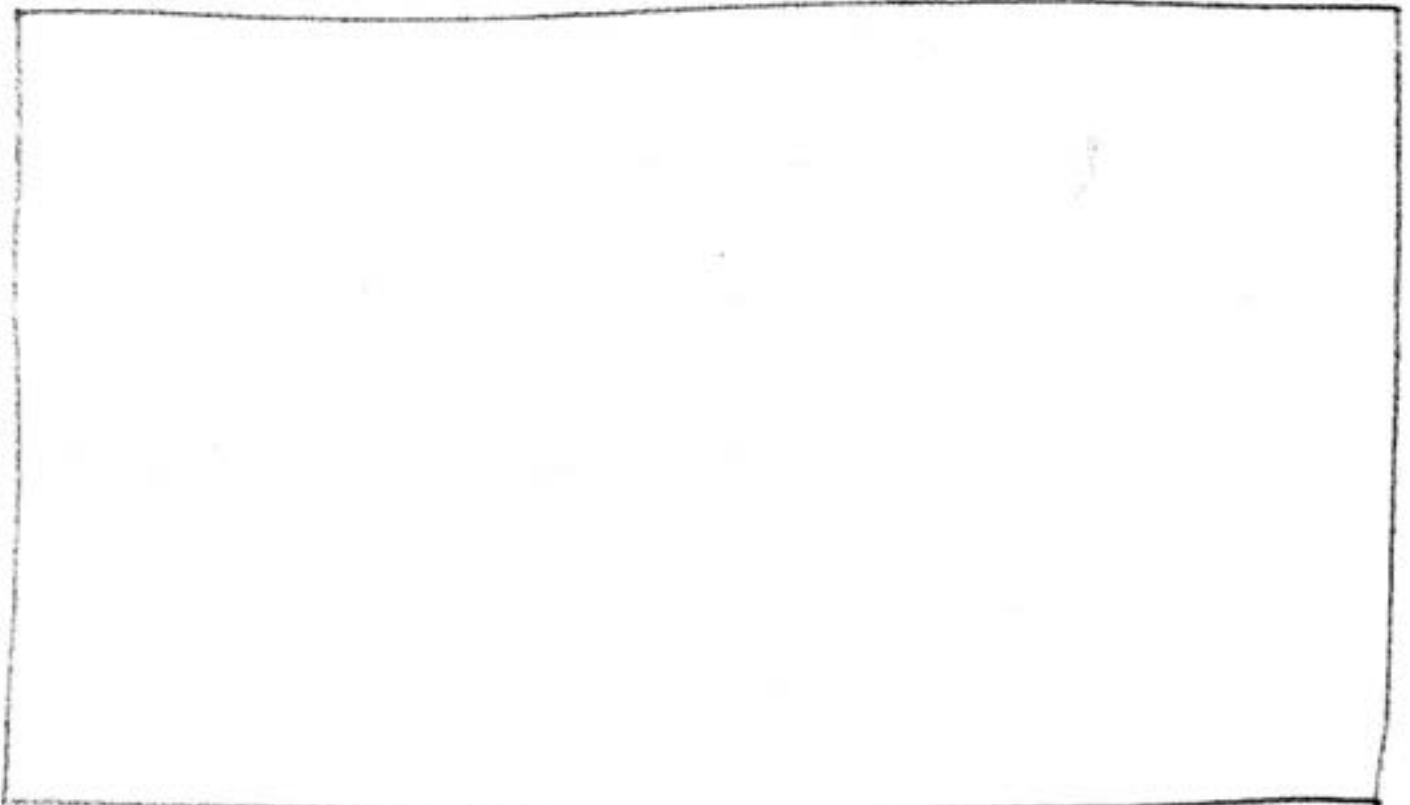


# Rosa's Big Sunflower Experiment

Sunflowers grow from sunflower seeds.



Look at the picture above. Now draw your own Seed to Sunflower picture.  
Remember to add in the roots!



# Rosa's Big Sunflower Experiment

Cut out these minibeasts and labels.

(You can do this roughly, leaving lots of white paper around the edges)

Stick the minibeasts and the labels on your sunflower poster.



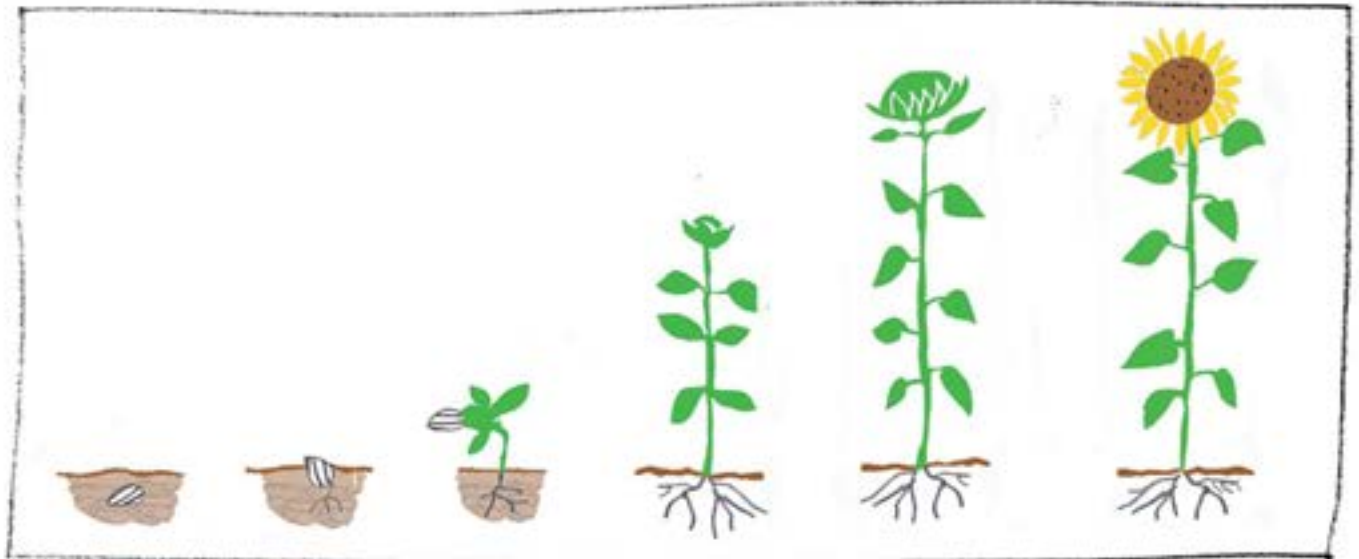
leaf

flower

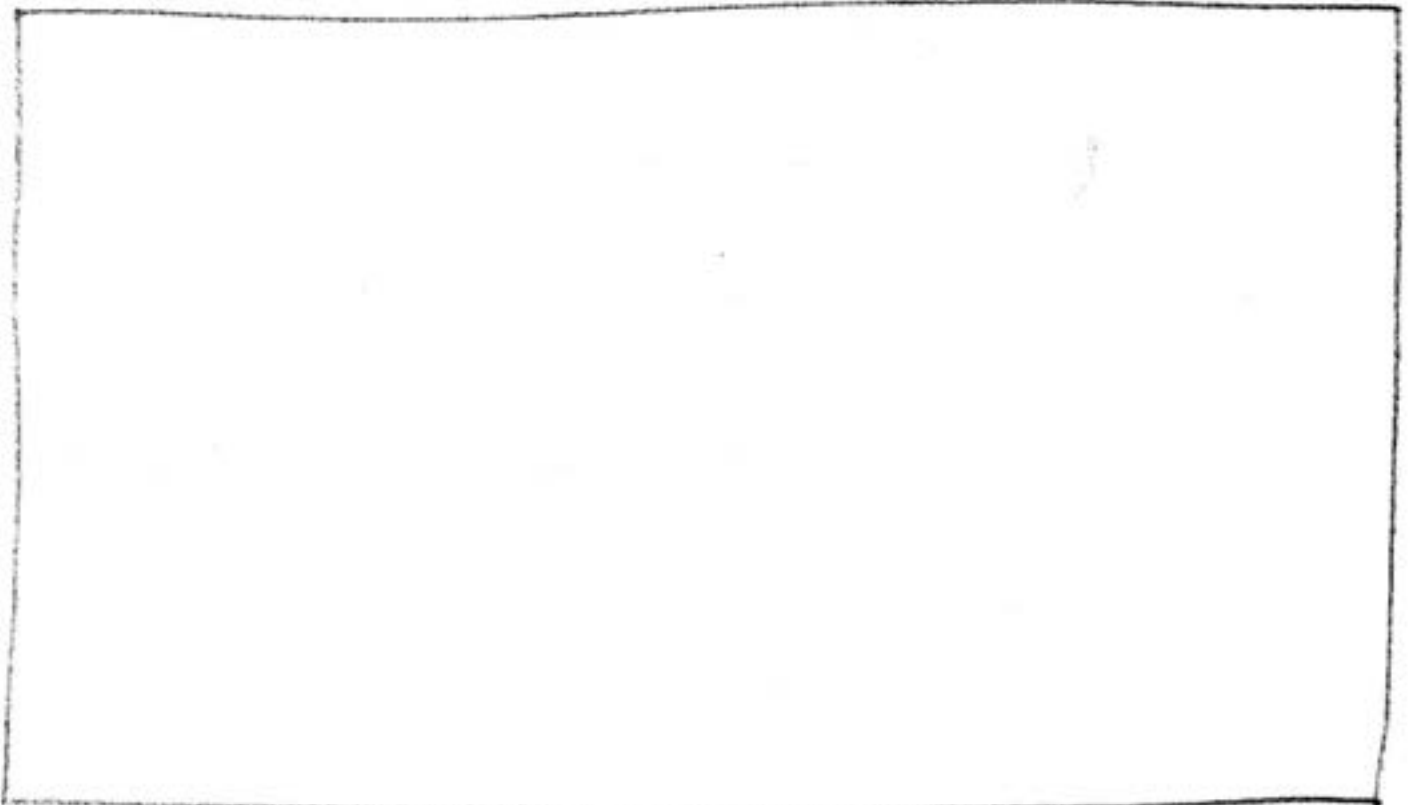
stem

# Rosa's Big Sunflower Experiment

Sunflowers grow from sunflower seeds.



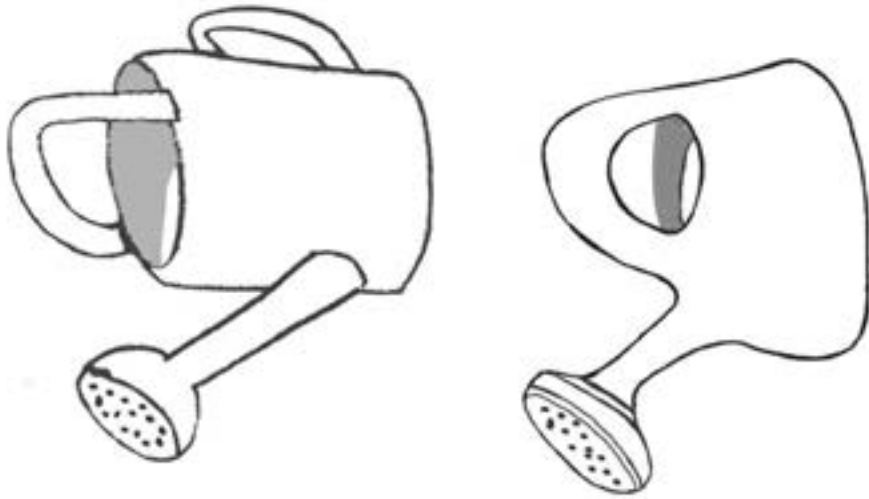
Look at the picture above. Now draw your own Seed to Sunflower picture.  
Remember to add in the roots!



# Rosa's Big Sunflower Experiment

Sunflowers need light and water to help them grow.

Colour in the the watering cans and draw lots of water coming out of the spouts.



# Rosa's Big Sunflower Experiment

