

The Sun

Research Companion

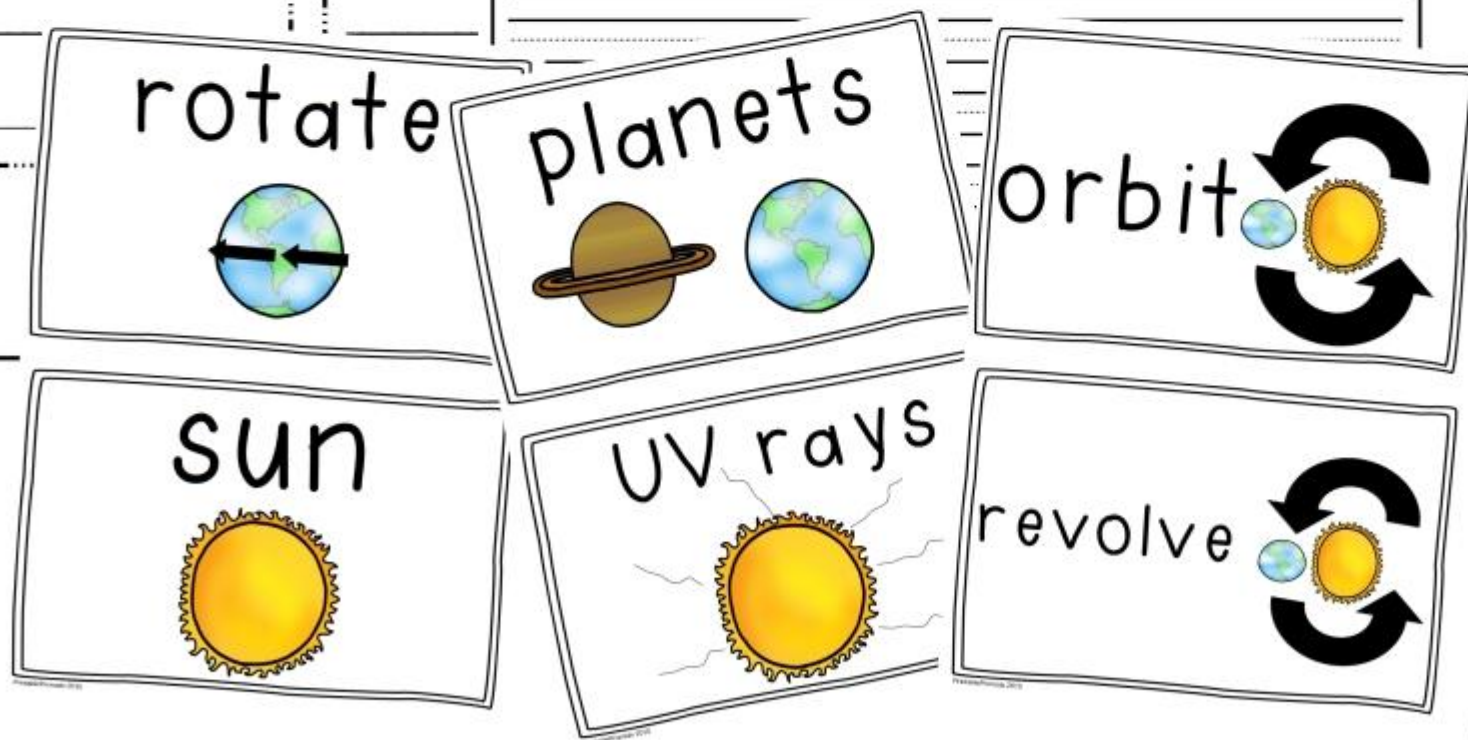
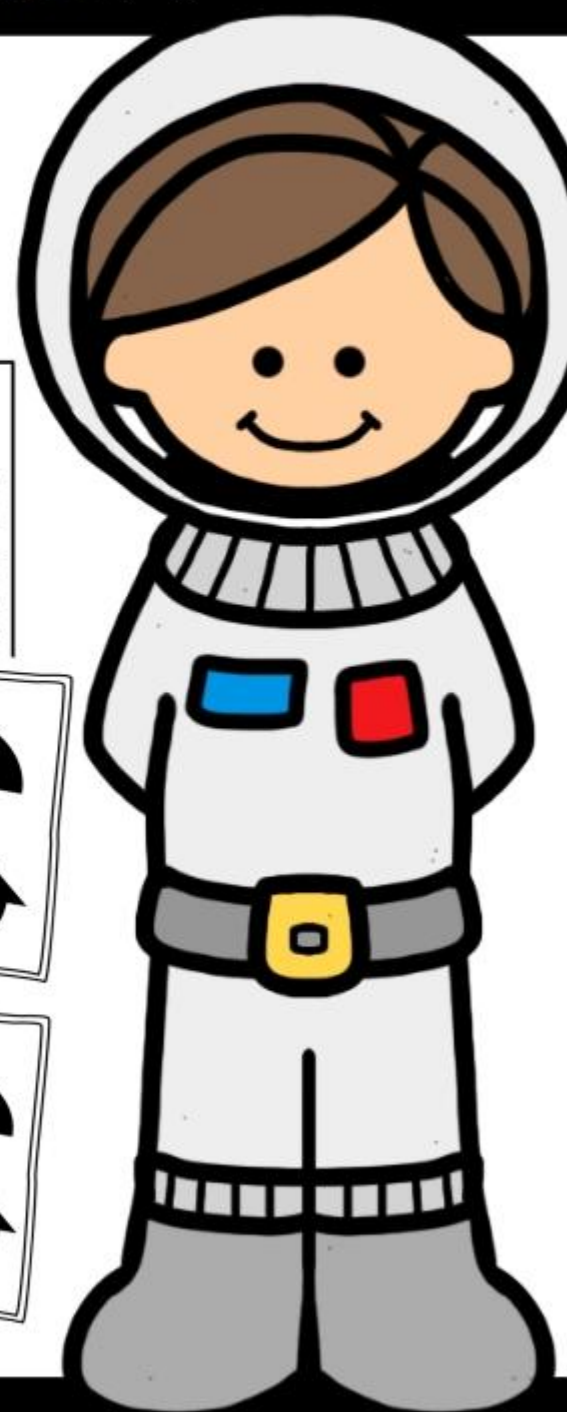
Name: _____

All About The Sun

can has is

Name: _____

All About The Sun



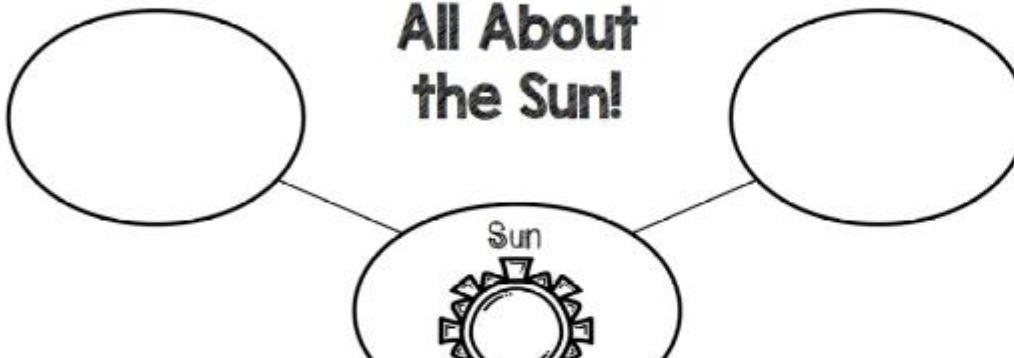
Vocabulary, Writing, And Activities

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Name: _____

All About the Sun!



Name: _____

All About The Sun


can has is

Write a sentence about the sun.

Printable Prompts 2015


Name: _____

All About The Sun



Name: _____

All About The Sun








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Sun Facts!



By: _____



Writing Mini Fact Booklet


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Day & Night 



By: _____







Name: _____

Compare!
I can compare the earth and the sun.

<u>Earth</u>	<u>Sun</u>
	

Name: _____

Compare!
I can compare day and night!

<u>Day</u>	<u>Night</u>
	



Compare/ Contrast & Write

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rotate



orbit



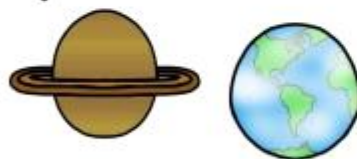
sun



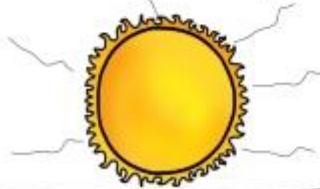
revolve



planets



UV rays



Name: _____

ABC Order

I can write words in ABC order.

sun
star
earth
planet
rotate
orbit
day
night





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Name: _____ Sun Observations

Explore: _____

Prediction	Observations



Name: _____ Sun Observations

Explore: _____

I think...	I notice...



UV Bead Science

You'll need UV beads (store these in a dark place until you're ready to use them), pipe cleaners or string.

Give each student an observation page. Ask them to observe the beads and make a prediction about what might happen.

Then go outside and watch the magic happen. Discuss how UV rays from the sun make this happen (or better yet, ask them WHY they think this might have happened).

Observe Shadows

Find a spot on blacktop where you can trace shadows. You'll want to scope this out ahead of time because you also don't want a place that will be completely shadowed by the building during either observation time period.

You'll need a sunny day, some chalk, and an observation page.

Bring students outside and have them stand still. Have a partner trace their shadow. Make sure you also trace each person's feet, so they'll know where to stand when you go back outside.

Tell them to make a

Bring student prints. The observation know about

of one
le
t, but

Sun Vs. Shade

You'll need: 2 or 3 cups of room temperature water, 3 thermometers that can be left in the water.

Take the temperature of the water (it should all be the same). Place one cup directly in the sun, another in the shade, and if you'd like to use a third cup, place it in partial shade.

Measure the temperature of all three cups of water after 5 minutes, after 10 minutes, and after an hour. See what has happened to the temperature.

You can do this experiment with ice cubes as well and measure the amount of time they take to melt.

This experiment is a great way to demonstrate the heat energy we receive from the sun.



Activities & Observations



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Teaching Suggestions:

Use any video or any book you have about the sun.

Choose the graphic organizer that works best for you! I have included two to choose from.

*Choose the writing template (2 line sizes) or a printable fact book- you choose the number of pages.

*Vocabulary cards can be used throughout the unit!

*ABC order helps to reinforce concepts and words about the sun using a literacy focus on alphabetizing words.

*Observation Activities: 2 choices w/ 2 versions each.

Some suggested activities to use with these pages:

*Observe a sundial activity

*Observe UV Beads

*Observe shadows and changes in shadows

*Observe or measure temperatures of water left in the sun vs. shade

*Compare Venn diagram- Sun vs. earth and Day vs. Night. I have also included compare/contrast writing booklet covers which can be used with the booklet pages. To use those, select the booklet you'd like and print the number of pages you'd like to include. Staple and cut and they're ready to go. I have included guide pictures at the top so students can write to compare. If you'd rather use blank pages, they are included earlier in this resource.



Teaching Notes