

# Great Science Adventures



## *Lots of Science Library Books*

Each *Lots of Science Library Book* is made up of 16 inside pages, plus a front and back cover. All the covers to the *Lots of Science Library Books* are located at the front of this section. The covers are followed by the inside pages of the books.

### **How to Photocopy the *Lots of Science Library Books***

As part of their *Great Science Adventure*, your students will create *Lots of Science Library Books*. The *Lots of Science Library Books* are provided as consumable pages which may be cut out of the *Great Science Adventures* book at the line on the top of each page. If, however, you wish to make photocopies for your students, you can do so by following the instructions below.

To photocopy the inside pages of the *Lots of Science Library Books*:

1. Note that there is a "Star" above the line at the top of each *LSLB* sheet.
2. Locate the *LSLB* sheet that has a Star on it above page 16. Position this sheet on the glass of your photocopier so the side of the sheet which contains page 16 is facing down, and the Star above page 16 is in the left corner closest to you. Photocopy the page.
3. Turn the *LSLB* sheet over so that the side of the *LSLB* sheet containing page 6 is now face down. Position the sheet so the Star above page 6 is again in the left corner closest to you.
4. Insert the previously photocopied paper into the copier again, inserting it face down, with the Star at the end of the sheet that enters the copier last. Photocopy the page.
5. Repeat steps 1 through 4, above, for each *LSLB* sheet.

To photocopy the covers of the *Lots of Science Library Books*:

1. Insert "Cover Sheet A" in the photocopier with a Star positioned in the left corner closest to you, facing down. Photocopy the page.
2. Turn "Cover Sheet A" over so that the side you just photocopied is now facing you. Position the sheet so the Star is again in the left corner closest to you, facing down.
3. Insert the previously photocopied paper into the copier again, inserting it face down, with the Star entering the copier last. Photocopy the page.
4. Repeat steps 1 through 3, above, for "Cover Sheets" B, C, D, E, and F.

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Note: The owner of this book has permission to photocopy the *Lots of Science Library Book* pages and covers for classroom use only.



## **How to assemble the *Lots of Science Library Books***

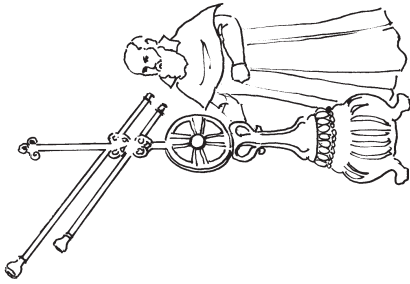
Once you have made the photocopies or cut the consumable pages out of this book, you are ready to assemble your *Lots of Science Library Books*. To do so, follow these instructions:

1. Cut each sheet, both covers and inside pages, on the solid lines.
2. Lay the inside pages on top of one another in this order: pages 2 and 15, pages 4 and 13, pages 6 and 11, pages 8 and 9.
3. Fold the stacked pages on the dotted line, with pages 8 and 9 facing each other.
4. Turn the pages over so that pages 1 and 16 are on top.
5. Place the appropriate cover pages on top of the inside pages, with the front cover facing up.
6. Staple on the dotted line in two places.

You now have completed *Lots of Science Library Books*.

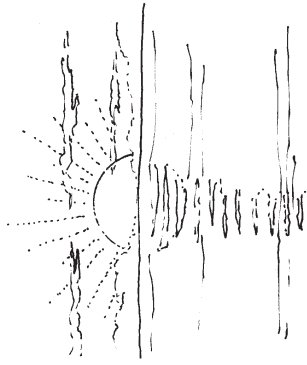


**Who were the first astronomers?**



*Lots of Science Library Book #2*

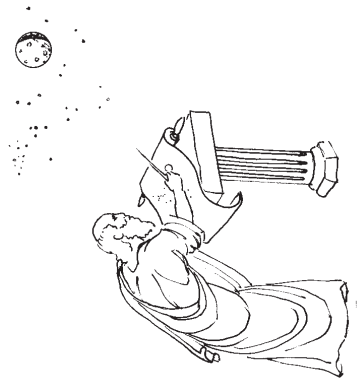
**What is the Sun?**



*Lots of Science Library Book #4*



**What is astronomy?**



*Lots of Science Library Book #1*

**What are stars?**



*Lots of Science Library Book #3*





heat  
light  
energy  
core  
sunspots

\* photosphere  
\* chromosphere  
\* corona  
\* magnetic

Describe the Sun.

sun  
planet  
telescope  
\* astronomer

Describe three discoveries  
by early astronomers.

gas  
hydrogen  
spin  
collide

\* temperature  
\* supernova

Explain the life  
cycle of a star.

star  
space  
\* astronomy  
\* constellation

Explain how people  
have used the stars.  
Describe a constellation.