

## Teaching Tip for *Earth in Space*

To help students learn about tracking shadows and how the Earth rotates on its axis, the *Earth in Space* module includes *Starry Night*<sup>TM</sup> *Backyard* CD-ROM. However, what if a teacher does not have any classroom computer access? He or she can still teach Inquiries 3.2 and 4.3 with some adjustments and additional teacher preparation. *Earth in Space* developer Carol O'Donnell suggests teachers use the CD-ROM to gather the data for Inquiries 3.2 and 4.3 on their own prior to teaching the activities. In the tables below are steps teachers may use to adapt the inquiries.

<b>Inquiry 3.2</b>	
<b><i>Earth in Space</i> Teacher's Guide Location</b>	<b>Alternative Procedures for Classrooms without Computer Access</b>
Procedure Section, pg. 28	Using the CD-ROM software, teachers label planets, Sun, and ecliptic onto a transparency sheet.
Procedure Section, pg. 28	Using the CD-ROM software, teachers draw the shadow patterns for June 1 and December 1 onto a transparency sheet.
Reflections Section, pg. 28	Students proceed with the Reflections section.

<b>Inquiry 4.3</b>	
<b><i>Earth in Space</i> Teacher's Guide Location</b>	<b>Alternative Procedures for Classrooms without Computer Access</b>
Pg. 47	Using the CD-ROM software, teachers complete a sample of Student Sheet 4.3a onto a transparency sheet for each location (pg. 44, Procedure section, step 1).
Pg. 45	Students proceed with the Reflections section.

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