

Name \_\_\_\_\_



### Quest #1 - Lightning

Lightning strikes have been common at the Fisher's new house in Florida. To research areas where lightning strikes often, go to <http://weather.about.com/od/thunderstormsandlightning/tp/lightningstates.htm>

Which state has the most deaths and injuries from lightning each year? \_\_\_\_\_

What is Florida known as? \_\_\_\_\_

How many people a year does lightning in Florida kill? \_\_\_\_\_

What makes New York City a hazard for lightning? \_\_\_\_\_



### Quest #2 - Solar Eclipses

Paul mentions a solar eclipse as the reason for his "coke bottle" glasses. Do you think this is true? Could Paul really have been visually impaired from a solar eclipse? What is a solar eclipse?

Go to the following web page: [www.crystalinks.com/eclipse.html](http://www.crystalinks.com/eclipse.html)

Scroll down to the heading **Observing a Solar Eclipse**.

What can happen if you stare directly at the sun during an eclipse?

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- Scroll down the diagram of a solar eclipse.
  - Draw the diagram here. Be sure to include the sun, moon, and Earth.
  - Then, explain what is happening in the drawing. What causes the eclipse?



### Quest #3 - Muck Fires

Muck Fires are real. In *Tangerine*, Muck Fires become a part of Paul's everyday life. Research a little about muck fires, where they occur, what causes them, etc.

Sites:

<http://www.floridadisaster.com/fires.html>

<http://www2.highlandstoday.com/news/highlands-news/2011/feb/23/LANEWSO1-muck-fire-causing-smell-smoke-complaints-ar-306737/>

*What are three things you learned about muck fires?*

1.

2.

3.



### Quest #4—Edward Bloor

Edward Bloor is the best-selling author of *Tangerine*. Find out a bit more about him.

Site: [www.edwardbloor.net](http://www.edwardbloor.net)

*What are three things you learned about Edward Bloor?*

1.

2.

3.

## Quest #5— Koi Fish



Koi Fish (Page 19)

Web site: <http://en.wikipedia.org/wiki/Wikipedia>

Go to the search box on the top right of the page, and type: **koi fish**

Scroll down to the contents and click on **Etymology**. The etymology of a word is the history of a word's meaning. What is the Japanese homophone (a word that means the same thing) of the word 'koi'?

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Go back to the contents, and click on **Varieties**. What colors can koi fish be?

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Scroll down to the heading **Differences from goldfish**. Explain how koi fish are different from goldfish. In general, goldfish tend to be \_\_\_\_\_ than koi. Koi fish have a common \_\_\_\_\_ but have many different \_\_\_\_\_.

Scroll to the bottom of the page and look at the pictures of the koi fish. Do you think the fish represent what the etymology says they do? Why? \_\_\_\_\_

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## Quest #6— Portable Classroom

1. Find a picture of a portable classroom.
2. Print it out.
3. Staple it to this web quest.
4. Complete the t-chart below.

PORTABLE CLASSROOMS	
Positives	Negatives