

The Beautiful World of Bioluminescence

Finding/acquiring materials for the lesson

- ***Pyrocystis fusiformis* (dinoflagellates) from Sunnyside Sea Farms:**

<http://seafarms.com/html/products.html>

Sunnyside Sea Farms • 475 Kellogg Way • Goleta, California 93117
805-964-5844 phone • 805-964-0045 fax

- **Lights sticks (a.k.a. glow sticks, cyalume sticks) from Lab Safety Supply:**

<http://www.labsafety.com/search/light+sticks/54617/>

Also can be found at Home Depot, Party City or sometimes at Dollar Tree.

- **Black light:**

You can purchase cheap black lights from your local Wal-Mart

(For example: Lights of America brand, 24" portable 17 watt fluorescent black light, \$9.96 @ Wal-Mart as of April 2008. Target also carries them, but they might cost more. You might also consider a pet store if you really can't find one elsewhere – it will likely be more expensive.)



- **Fluorescent powder:**

A little of this goes a long way; four 2 oz cans should be enough.

http://www.lynnpeavey.com/product_info.php?cPath=1&products_id=292

<http://www.copsplus.com/prodnum5244.php>

- **Incandescent bulb:**

You can use electric Christmas candles



- **Glow-in-the-dark item:**

- You can get 144 of these skeletons for \$15 from

<http://www.bakingshop.com/cakes/halloween/scary.htm>



- Way to Glow! brand “Constellation Creations” glow-in-the-dark stickers – 10 constellations for \$3.97 @ Wal-Mart as of April 2008,

- Way to Glow! brand “Shining Stars” – 30 glow-in-the-dark plastic stars for \$1.97 @ Wal-Mart as of April 2008,

- Plaid brand “Glow-Away” glow-in-the-dark gel that you paint or stencil and wash off “glows until you wash it off” 4 fl. oz. for \$4.97 @ Wal-Mart as of April 2008