

# Build Your Own Star

## (Virtual Experiment)

<http://www.planetseed.com/node/20127>

**Directions:** Working in groups (3-4 students), go to the above internet site. Once you are at the site, you should read the following sections:

- "Star Primer"
- "Vary Mass and Metal Content to Determine the Fate of Your Star"
- "Stages in the Life of a Star"

When done reading the overview on stars and their life cycle, click on the "Now it's time to Build Your Own Star" link at the bottom of the page. At this point, you should use the information you gathered from the sections you read to build a few stars.

The screenshot shows a web browser window displaying the 'Build Your Own Star' virtual experiment page. The browser's address bar shows the URL [http://www.seed.slb.com/en/scictr/lab/byo\\_star/index.htm](http://www.seed.slb.com/en/scictr/lab/byo_star/index.htm). The page has a blue header with the 'Schlumberger' logo and a search bar. Below the header is a navigation menu with links for 'About SEED', 'Things To Do', 'Science Center', 'Schools', and 'SEED People'. The main content area features a 'Virtual Experiment Build Your Own Star' section. It includes a 'Star Primer' section with text explaining stellar fusion and metallicity. There are two images: a star simulator interface and a comparison of a Protostar and a Neutron Star. The page also has a 'Science Lab' logo in the top right corner.