1. Decorate your CD cover using colored pencils. Optional for students to personalize if they are making their own.

2. Cut out the moon phase CD cover on the outer black line.

3. Use double-sided tape to adhere the moon phase cover to the CD. Three pieces placed in an open triangle should suffice.

4. Attach the handle (golf tee) on the bottom using hot glue. Be sure it attaches perpendicular to the CD; hold still until it cools.

5. Attach the ping pong ball on the top using hot glue. Ensure the glow-in-the-dark side is aligned with the white side of the inner circle.

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Activity and template adapted from a 2012 Mississippi Science Teachers Association conference session presented by Tien Huynh-Dinh from LIGO: Laser Interferometer Gravitational-Wave Observatory at Livingston.