

Design a Paper Lantern

<https://www.joincake.com/blog/chinese-lantern-festival/>

<https://www.chinahighlights.com/festivals/lantern-festival.htm>

<https://www.yourchineseastrology.com/holidays/lantern-festival/>

<https://www.britannica.com/topic/Lantern-Festival>

<https://www.catholicnewsagency.com/saint/st-martin-of-tours-50#:~:text=On%20Nov.,316%20in%20modern%20day%20Hungary.>

<https://germanfoods.org/german-food-facts/martinstag-st-martins-day/>

<https://www.iamexpat.de/expat-info/german-expat-news/history-saint-martins-day>

https://communityoflights.com/index.php?option=com_content&view=article&id=1117:spectacular-festivals-of-lights-from-around-the-world&catid=68:spiritual&Itemid=239



Step 1 – Ask:

You will be working with group members to design and build a Chinese paper lantern. To successfully complete the challenge, your lantern should:

- ☐ hold a tea light.
- ☐ be able to hang.
- ☐ be able to glow.
- ☐ include calligraphy from Ancient China.
- ☐ be neatly done and beautiful to look at.

Step 2 – Imagine:

Open Padlet. Scan the QR code to see pictures of other lanterns that have been used in China.

<https://shopee.sg/blog/diy-lanterns-for-kids-mid-autumn-festival/>

<https://www.sciencebuddies.org/stem-activities/make-a-paper-lantern?from=YouTube>

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What do you notice?

1. I see.....
2. I think.....
3. I wonder.....

Step 3 – Plan:

Sketch and brainstorm *at least two* different designs for lanterns that could work.

Plan A:	Plan B:

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More ideas:	

Step 4 – Create:

1. Have partner #1 open the camera app and set it to Timelapse. Prop your iPad so that it is recording you, your hands, and your materials. Press record, and leave it on.
2. Design and build your lantern!
3. Stop the camera.

Step 5 – Test:

See Mrs. Branstetter for a tea light. Insert it into your lantern.

Use the following checklist. If you check NO in any category, go back and continue to revise.

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Does it stay in your lantern? _____ yes _____ no

Can it be hung easily? _____ yes _____ no

Does it glow when the light is on? _____ yes _____ no

Does it include calligraphy from Ancient China? _____ yes _____ no

Is it neatly done and beautiful to look at? _____ yes _____ no

If time, test your revised lantern.

Step 6 – Evaluate:

What worked, and why?	
What didn't work, and why?	
How would did you change the design of your lantern? Why did you choose to do this?	

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Step 7 – Communicate:

1. Open Seesaw. Share your timelapse. Tag your partner and yourself.
2. In the comment before posting, explain what worked, what didn't work, and how you overcame challenges.