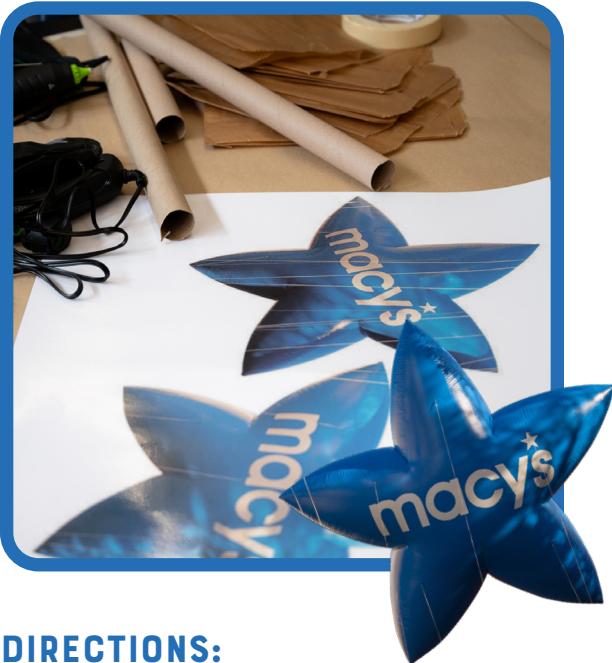




# MACY'S STARS TELESCOPE

TELESCOPES ARE USED TO GET A CLOSER LOOK AT OBJECTS FAR AWAY IN THE SKY. YOU CAN DISCOVER HOW A TELESCOPE WORKS BY USING TWO CURVED LENSES FROM READING GLASSES.

- ONCE YOU'VE MADE YOUR TELESCOPE, USE IT TO VIEW OBJECTS IN YOUR CLASSROOM OR
- ◆ AT HOME. DON'T FORGET TO DECORATE YOUR TELESCOPE TO MAKE IT YOUR OWN! ◆



## DIRECTIONS:

- 1 Have a grown-up carefully remove the lenses from the reading glasses.
- 2 Glue or tape one lens to one end of the smaller paper towel roll, convex side facing out.
- 3 Repeat with the other paper towel roll and the other lens.
- 4 Insert the smaller paper towel roll inside the bigger one with the lens facing out.
- 5 Look through the smaller lens and focus by moving the smaller roll back and forth.

## EXTENSIONS OF ACTIVITY

### S.T.E.A.M.

ENGINEERING - AFTER BUILDING YOUR TELESCOPE, THINK OF DIFFERENT WAYS TO IMPROVE IT. (MAYBE TRY BUILDING A STAND FOR IT!)