

# Tree Kangaroo Perspective Drawing



## Engage and Reflect

Watch *Virtual Vitamin Z - Discover More About Tree Kangaroos*:

<https://www.youtube.com/watch?v=mllL0a-L-To>



## Skills

- Observations
- Building reverence
- Recognizing proportions and perspectives



## Visual Arts

- Apply skills and knowledge to create in the arts.

## NGSS Science and Engineering Practices

- Biological Evolution: Unity and Diversity



## Experience

- 15-30 minutes
- 1 or more people

Tree Kangaroos spend most of their time in the trees, surrounded by the branches and leaves that make up the tree canopy. Take on the perspective of a tree kangaroo and imagine what the world looks like looking down from above. Choose a tree and observe it from below, think about what it would look like to sit on one of its branches and look down. Now try to recreate your observations by drawing them on paper. Revisit the activity over different seasons to see how the tree changes over time.



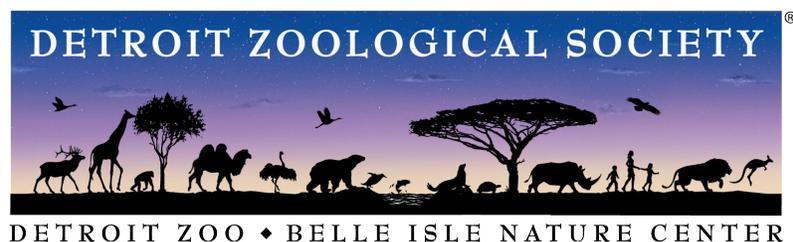
## Celebrating and Saving Wildlife

The Detroit Zoological Society is committed to conservation and sustainability efforts locally by choosing ethically responsible building materials for new habitats and buildings. Reclaimed wood is locally sourced for projects whenever possible.



## Take Action

When looking for paper or wood products, look for products made with recycled paper or reclaimed wood first. Consider reusable alternative to paper goods like napkins and paper towels or find paper and wood that has been certified as responsibly sourced and sustainably harvested by the forest stewardship council.



# Tree Kangaroo Perspectives

## Tools

Paper

Drawing instruments (crayons, markers, colored pencils, etc.)

A tree



*1 or more people*

## Directions

- Choose a tree to observe. Stand directly below it and look up.
- Make observations on everything you see.
- Note your observations, but think about how things would look different if you were up in the tree, looking down. Would the ground peek through the way the sky does?
- Now think about the size of objects, do things appear bigger or smaller as they move closer to you? Test it out with one of your pens by focusing on its size as you move it closer and further away.
- Now imagine what it's like to be a tree kangaroo living high in the treetop.
- Complete your drawing, playing around with perception of the size of the objects from the perspective of the tree kangaroo in the branches.

Notes - Nature changes over time, trees cycles through different periods with the seasons. Turn your drawings into a long term project by coming back to the same tree during different seasons to observe how a tree kangaroo's view changes.

For more chances to see the world from different perspectives, take on the role of a bee approaching a flower, or an ant crossing a sidewalk.