

# Fun with Forestry

1) **What is the basal area of the forest?** Use the cruise angle to determine the basal area of the forest. In most of the forests at the Sandia Mountain Natural History Center, **more than 60 is unhealthy.**

2) **What percentage of your quadrat has ground cover?** Use the red square to help determine how much of your quadrat has some groundcover. Each red square = 5%

0-10% indicates poor forest health

10-20% indicates fair forest health

20-40% indicates good forest health

>40% indicates excellent forest health

3) **Look around your immediate area. How many different types of plants and trees do you see?**

1-3 indicates poor forest health

3-5 indicates fair forest health

5-7 indicates good forest health

>7 indicates excellent forest health

4) **Based on your research, is this forest healthy?**

5) **If the forest is not healthy, what could be done to make it healthy?**

6) **If it is healthy, what can be done to keep it healthy?**

