**A picture containing grass

Description automatically generatedKite Honor - Question Sheet**

1. **What day of creation did God make flite creatures?**
2. **When were kites first made and flown?**
3. **Explain the principles of air dynamics.**
4. Lift & Gravity
5. Thrust & Drag
6. Pitch, Roll, and Yaw
7. **Explain the center of gravity and center of lift, and why this is important in kite design?**

**5. Define the following terms:**

a. Spine(s) b. Spars

c. Vent d. Bowstring

e. Cover f. Frame

g. Tail h. Keel

i. Flying line j. Bridle

k. Reel l. Dihedral

1. **What are some types of kites used today?**
2. **Tell the story of Benjamin Franklin and his kite in June 1752**
3. **Name some of the ways that kites might be used today.**
4. **What are the 4 what’s?**
5. What #1 – What is a common cause of kite failure?
6. What #2 – If the line breaks what then?
7. What #3 – What should be done when a kite loops during flight?
8. What #4 – Do you know the safety rules for kite flying?

**10. Make and successfully fly two of the following kites:**

a. Sled kite

b. Flat kite

c. Two-stick diamond kite

d. Delta wing kite

e. Eddy or Malay kite

f. Box kite

g. Tetrahedral kite