**Wind and Sand Program**

 **Upper Elementary School Worksheet (Grades 3-5)**

**Instructions:** Fill out this worksheet while following along with the “Wind and Sand” video.

1. **What did Wilbur believe? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
2. **What did Wilbur and Orville’s dad give them? (circle one)**
3. A flying toy        b. Candy canes           c. A soccer ball
4. **What four things do you need to figure out how to fly?**
5. \_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_
7. \_\_\_\_\_\_\_\_\_\_\_\_\_
8. Thrust
9. **What three things did Wrights need in a good location?**
10. \_\_\_\_\_\_\_\_\_\_\_
11. \_\_\_\_\_\_\_\_\_\_\_
12. Isolation (not as many people)
13. **What do you notice about the area?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **How did they find out about the town of Kitty Hawk? (circle one)**
2. Asked their dad     b. Wrote a letter     c. Searched google
3. **What was the problem with the first glider (1900)? (circle one)**
4. lift    b. control      c. power        d. thrust
5. **How were Wilbur and Orville feeling after their 1901 trip? (circle one)**
6. Happy    b. Excited    c. Discouraged
7. **Who encouraged Wilbur and Orville? (circle one)**
8. Sister Katharine    b) Bike Mechanic Charlie Taylor    c) Post Master Tate
9. **What did Wilbur and Orville do after the conference?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **What did they add to the 1902 glider?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **How were Wilbur and Orville feeling after 1902 trip? (circle one)**
3. Confused    b. Excited      c. Discouraged
4. **Who helped with their engine? (circle one)**
5. Sister Katharine    b. Bike Mechanic Charlie Taylor    c. Their Dad Milton
6. **Where did they assemble the flyer? (circle one)**
7. Dayton     b. on the train    c. Outer Banks (at camp)
8. **Who won the coin toss and tried to fly on December 14? (circle one)**
9. Orville    b. Wilbur    c. Jonny Moore
10. **How did they signal to their friends that they needed help with the flyer?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **How many flights did they make on December 17, 1903?** \_\_\_\_\_\_\_\_\_
2. **What job did John Daniels have? (circle one)**
3. photographer  b) mechanic   c) pilot
4. **What do you think is interesting about the first flight photo?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **What is one connection you made to the Wright brothers’ story?**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_