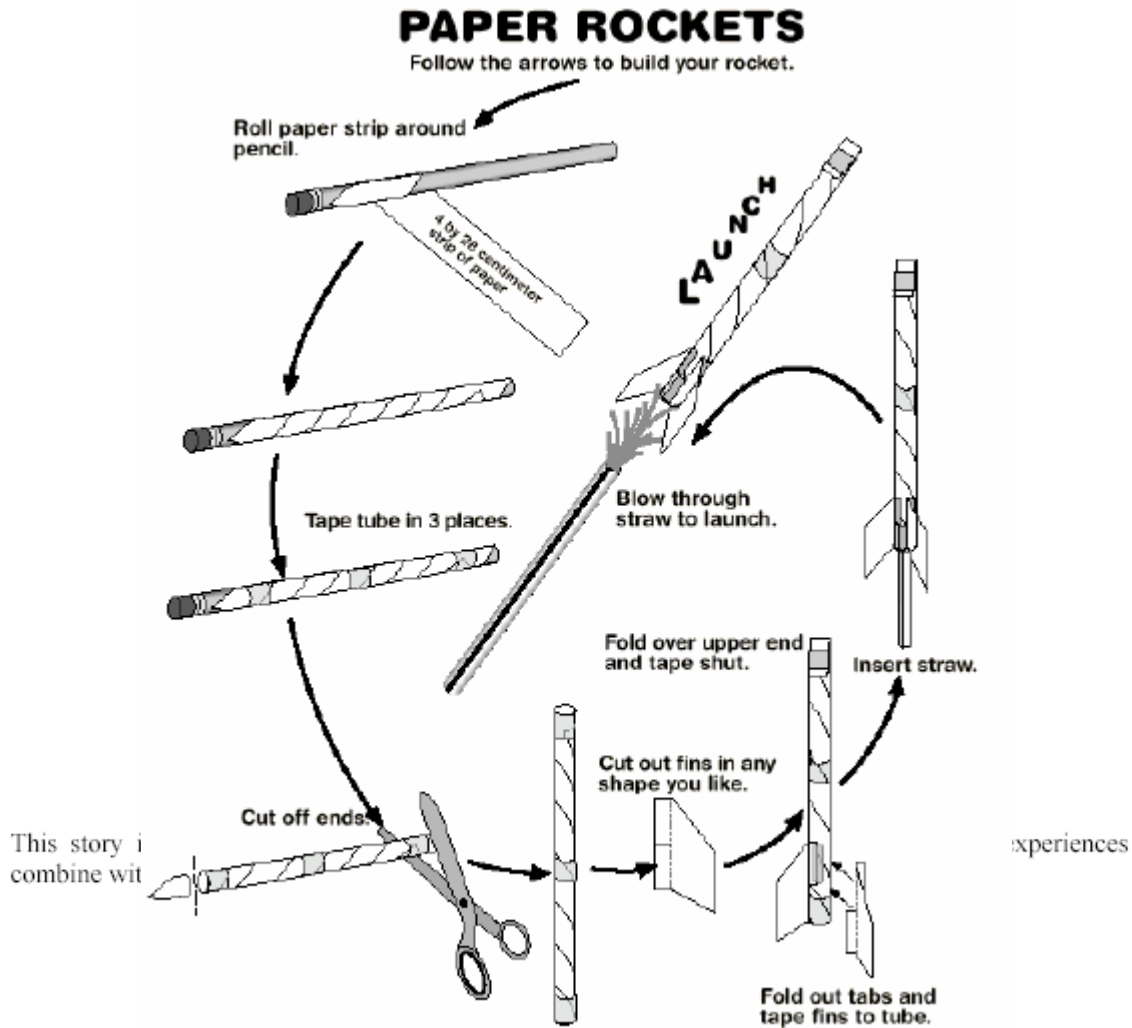


Building Our Paper Rockets

Follow the instructions on the following page to design and build your Air Rocket. Make sure you complete the Paper Rocket Test Report, too



Paper Rocket Test Report and Directions...

1. Launch your rocket three times. How far did it fly each time. What is the average distance your rocket flew? Write your answer in the spaces below.
2. Build and fly a rocket of a new design. Before flying it, predict how far it will go. Fly the rocket three times and average the distances. What is the difference between your prediction and the actual average distance?
3. Build a third rocket and repeat step 2.
4. On the back of this paper, write a short paragraph describing each rocket you built and how it flew. Draw pictures of the rockets you constructed.

Rocket 1		Make notes about the flights here.
How far did it fly in centimeters?	1. _____ 2. _____ 3. _____	
Average distance in centimeters?	_____	

Rocket 2		Make notes about the flights here.
Predict how many centimeters your rocket will fly.	_____	
How far did it fly in centimeters?	1. _____ 2. _____ 3. _____	
Average distance?	_____	
Difference between your prediction and the average distance?	_____	

Rocket 3		Make notes about the flights here.
Predict how many centimeters your rocket will fly.	_____	
How far did it fly in centimeters?	1. _____ 2. _____ 3. _____	
Average distance?	_____	
Difference between your prediction and the average distance?	_____	