



## Makani Energy Kites – A **See Think Wonder** activity.

**Junior Inventors** Name: \_\_\_\_\_


**Makani Energy Kites – A See Think Wonder activity.**  
 How do you get more electrical power from wind than you get from existing wind farms?  
 Watch the video on this new invention and let's SEE, THINK and WONDER about it!

The video to accompany this activity can be found at:  
[www.juniorinventors.com.au/?p=82](http://www.juniorinventors.com.au/?p=82)

**See** Record key words that describe everything you see in the video (objects, movements) 

**Think** Record three things the video makes you think about (I think.....) 

1) \_\_\_\_\_  
 2) \_\_\_\_\_  
 3) \_\_\_\_\_

**Wonder** Record three things the video makes you wonder about (questions) 

1) \_\_\_\_\_  
 2) \_\_\_\_\_  
 3) \_\_\_\_\_

**Vocabulary builder**  
 Solar: energy from the sun      Turbine: a revolving machine to produce power  
 Tether: to tie one object to another      Propeller: a bladed device for moving a board or aircraft

Junior Inventors Inventor Activity Sheet © Skoolbo 2015



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### Lesson Sequence:

#### Prior Knowledge:

Brainstorm the forms of renewable energy and where they are used.

#### Tuning In:

View the Makani Kite video (no words) as a first introduction to the Makani Energy Kite. Ask students to respond by completing the SEE, THINK, WONDER activity sheet. Share answers in small groups.

#### Finding Out:

Share read the Makani Kites article and watch the second video to develop a further understanding of this renewable energy invention.

### Reflecting:

Students can reflect back on their activity sheet. Has their new knowledge helped to answer some of their wonderings? Have they changed their initial thinking?

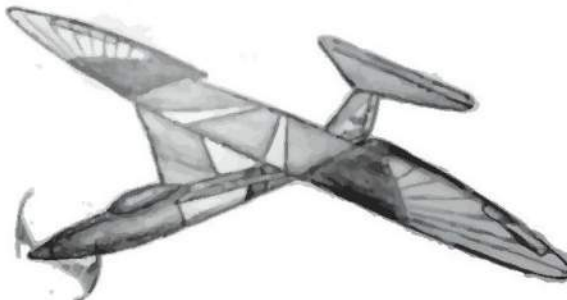
## TIPS TO SUPERCHARGE YOUR LESSON

- 1) Ask your students to consider the shape of an effective kite and **design** their own. (Example)



### Create

Draw your own energy kite. Label it's features.



Wings like a bird

Body thin and light

Blades on wings to collect energy from wind

My energy kite is called: \_\_\_\_\_

- 2) **Challenge** your students to write a speech to accompany the original video (1min 30 sec).  
 The goal: Convince your audience that investing in Makani Kites is the way of the future.
- 3) **Further Inquiry:** Explore the need for renewable energy by learning about the history of Fossil Fuels.