





# **Build a Better Bunny Copter**

In the CYBERCHASE episode, "The Fairy Borg Father," Delete invents a Bunny Copter. How can you improve Delete's invention so it twirls faster?

### Color the bunny's face.

**Make Delete's Invention:** Starting at the top of a Bunny Copter strip, count down two boxes. Then cut (or tear) along the dotted line to the solid line at the bottom of the 2nd box to make 'ears.' Fold one ear forward on the solid line, and the other back as shown.

**Make a place for Delete to ride:** Fold up the bottom of your copter on the solid line. Attach Delete (a paper clip) as shown.

**Test Delete's Invention:** Hold up the copter as high as you can and let it drop. How fast does it twirl before it hits the floor? Can you think of ways to change it so it twirls faster?

**Build a Better Bunny Copter:** Using new strips, make your changes and test new copters until your invention is as good as it can be!

### How Am I Inventing?

Inventors are always looking for ways to make something work better. So, they test and make changes to an invention to improve it. When you make changes to Delete's Bunny Copter to make it twirl faster, you're doing the same thing. Inventors call this

process refining and optimizing. You can call it fun!

#### Get inventive with CYBERCHASE on PBS KIDS! Check local listings or visit www.pbskids.org/cyberchase.

CYBERCHASE is a production of THIRTEEN Productions LLC for WNET. ©THIRTEEN Productions LLC. All rights reserved. PBS KIDS and the PBS KIDS logo are registered trademarks of PBS. Used with permission. Major funding for CYBERCHASE is provided by the National Science Foundation, Ernst & Young LLP, Northrop Grumman Corporation, Intel Corporation, Intel Foundation, PBS and the Corporation for Public Broadcasting. Additional funding is provided by The Volckhausen Family.



## **Bunny Copter Strips**

To be used with "Build a Better Bunny Copter"

FOLD HERE		<u>TEAR OR</u>	CUT HERE	 
FOLD HERE		TEAR_OR	CUT HERE	 
FOLD HERE		<u> </u>	<u>CUT HERE</u>	 
FOLD HERE		TEAR_OR	<u>CUTHERE</u>	 
FOLD HERE		<u>TEAR OR</u>	CUTHERE	 

CYBERCHASE is a production of THIRTEEN Productions LLC for WNET. ©THIRTEEN Productions LLC. All rights reserved. PBS KIDS and the PBS KIDS logo are registered trademarks of PBS. Used with permission. Major funding for CYBERCHASE is provided by the National Science Foundation, Ernst & Young LLP, Northrop Grumman Corporation, Intel Corporation, Intel Foundation, PBS and the Corporation for Public Broadcasting. Additional funding is provided by The Volckhausen Family.