



Student Guide
Scavenger Hunt pg. 3



Suggested Activity
To reinforce Invention Concept One, turn to page 13 of this Guide to complete the “Favorites” activity with the class.



Copymaster
Copy the “Letter to Parents” reproducible on page 17 of this Guide, distribute it to the class, and send it home with students to invite family members to participate in their child’s inventive-thinking process.



DVD Connection
Please refer to your Invention Thinking DVD for great inspirations.



Internet Connection
For more great class activities and inventive thinking resources, check online at www.bkfk.com/toolkit.



Invention Concept One Introducing Inventive Thinking

Invention Concept Overview

Students will be introduced to the creative- and critical-thinking aspects of the invention process.

Introducing the Invention Concept

Ask students if they know the names of any inventors; ask them to conduct research by reading books about inventors, invention, and creativity that they find in the school or local library, in order to confirm their answers.

Discussion Points

Start by asking students, “How do you think inventors get their ideas? How do you think they make their ideas become real?” Ask the students to look at all the different objects in the classroom. Explain that every object they see has been invented by someone, and that all the inventions in the classroom have what is called a “patent.” The government gives patents to people who invent new discoveries, and every patent has a patent number.

Ask students to list all the inventions they discover by looking around. Guide students to consider these objects as creative innovations, as well as functional objects. *Can they draw any conclusions about the function of the items on their list? How did they arrive at these conclusions?*

Coaching Tips

“Imagination is more important than knowledge, for imagination embraces the world.”

—Albert Einstein

Extension

Invite a local inventor to speak to the class. To locate an inventor:

- Check online at the **U.S. Patent and Trademark Office** web site, at www.uspto.gov/patft/index.html, by conducting a search for “Inventor City”
- Check with your local intellectual property law association
- Your community may also have a **Patent and Trademark Depository Library** or an inventors’ society
- **United Inventors Association** – find local chapters at www.uiausa.com/