

Predict It!




Dona Herweck Rice

Consultant

Michelle Alfonsi

Engineer, Southern California
Aerospace Industry

Image Credits: Cover & p.1 Hero Images Inc./Alamy; p.14 (bottom) Arctic Images/Alamy; p.14 (top left) blickwinkel/Alamy; pp.2-3 Hero Images Inc./Alamy; pp.26-27 The LIFE Picture Collection/Getty Images/Isis Sousa/Margaret Sarah Carpenter/National Endowment for the Arts; pp.8 (bottom left), 14 (top right) iStock; pp.28-29 (illustrations) Janelle Bell-Martin; p.24 U.S. Civilian/NASA; p.19 Photostock Israel/Science Photo Library; p.5 (right) AP Emilio Segrè Visual/Science Source; p.5 (left) Mike Agliolo/Science Source; p.22 USGS;  other images from Shutterstock.

Library of Congress Cataloging-in-Publication Data

Rice, Dona, author.

Predict it! / Dona Herweck Rice.
pages cm

Summary: "How do we know anything about anything? Because someone got curious and asked a question! Scientists use experiments to test their predictions.

Making predictions is an important scientific practice. Ask questions, make predictions, and test possible answers to see what you discover next!"— Provided by publisher.

Audience: K to grade 3.
Includes index.

ISBN 978-1-4807-4652-7 (pbk.)

ISBN 978-1-4807-5096-8 (ebook)

1. Science—Methodology—Juvenile literature.

2. Forecasting—Juvenile literature. I Title.

O175.Z.R525 2015

507.2'1—dc23

2014034283



Teacher Created Materials

5301 Oceanus Drive
Huntington Beach, CA 92649-1030
<http://www.tcmpub.com>

ISBN 978-1-4807-4652-7

ePUB ISBN 978-1-5457-0588-9

© 2015 Teacher Created Materials, Inc.

Table of Contents

Tricky Business	4
Scientific Method	6
Now, How About Prediction?	12
Be Specific	16
It's Probable	20
Don't Change!	24
Think Like a Scientist	28
Glossary	30
Index	31
Your Turn!	32

Tricky Business

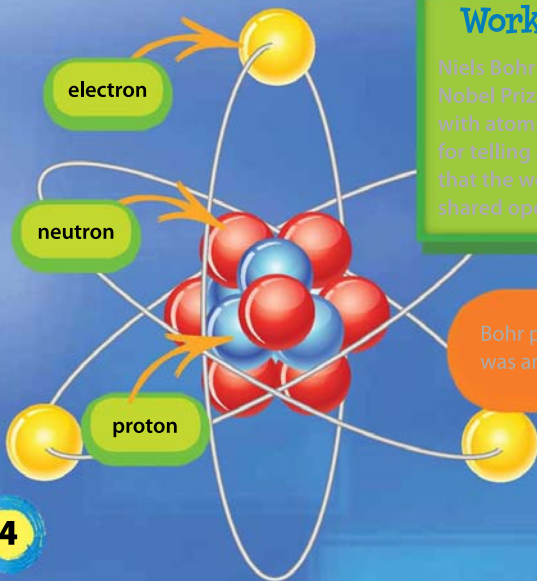
“**Prediction** is very difficult, especially if it’s about the future.”

That was said by famous scientist (and comic) Niels Bohr. Okay, okay, he wasn’t a comic. But what he said is pretty funny, right? And Bohr knew what he was talking about! As a scientist, he knew about **evidence** and making predictions. He also knew about testing predictions. Again and again and again and again and . . .

Working Together

Niels Bohr is famous for winning a Nobel Prize in science for his work with atoms. But he’s also famous for telling all scientists and nations that the work of science should be shared openly and freely.


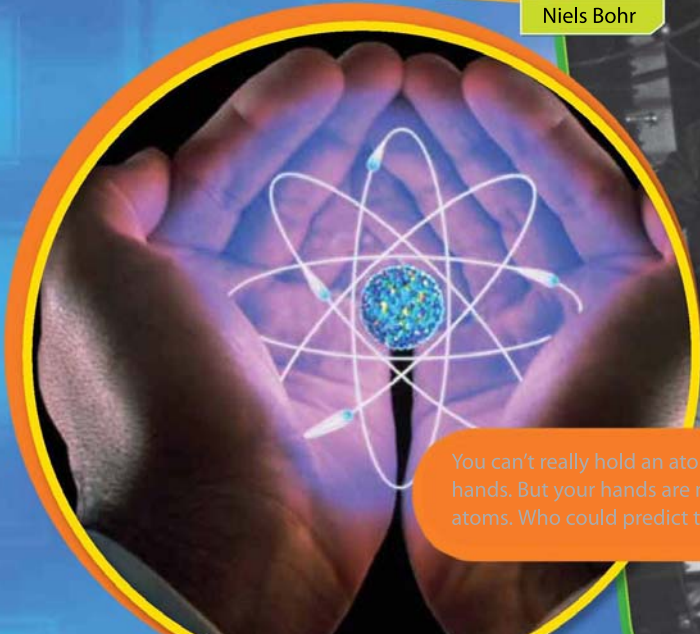
Bohr predicted that the atom was arranged in this way.



It's tricky business! Making scientific predictions isn't the easiest work out there. But it's worth it. If you are someone who likes to solve puzzles or mysteries, the world of science is a good place for you. There's no limit to what you can think, explore, and do.

In fact, I predict that you will be a very good scientist!

Niels Bohr



You can't really hold an atom in your hands. But your hands are made of atoms. Who could predict that?

You've Just Finished your Free Sample

Enjoyed the preview?

Buy: <http://www.ebooks2go.com>