

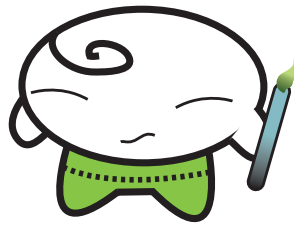
**FOUND
IT or
MADE
IT?**

AN ASTRONOMY ACTIVITY!



Earth

Boy there sure are lots of objects in space! Some of them got there naturally, some of them were sent up for exploration, and some of them were left behind. Can you sort the natural from the manmade?



INSTRUCTORS PAGE

Belongs there

- | | | |
|----|--------------------|--|
| 1 | Halley's Comet | Famous for my blazing tail, I come around every 75 years |
| 2 | Red Dwarf | I'm the most common star, but I'm too dim to see with the naked eye |
| 3 | Extra solar Planet | The holy grail for astronomers looking for a place like home |
| 4 | Supergiant | Live fast, die young, and go out with a bang—that's my motto |
| 5 | White Dwarf | What's left after a giant star has given it its all |
| 6 | Supernova | The biggest explosion in the universe |
| 7 | Neutron Star | What's left over after a supernova |
| 8 | Supernova Remnant | A screaming banshee of energy travelling at 6.2 million miles per hour |
| 9 | Elliptical Galaxy | A huge squished ball of old stars |
| 10 | Active Galaxy | An unpredictable galaxy with a super-massive black hole at its center |
| 11 | Colliding Galaxies | It's like a massive car accident that takes one billion years |

Sent there

- | | | |
|----|-----------------------------|--|
| 12 | Hubble Space Telescope | The only space object to ever wear corrective lenses |
| 13 | New Horizons | I'm boldly going where none have gone before |
| 14 | Voyagers | Twin explorers who have seen it all |
| 15 | Cassini-Huygens | We run rings around the object of our exploration |
| 16 | Space Junk | What, you thought we picked up the trash? |
| 17 | International Space Station | Up above the world so high, like a diamond in the sky |
| 18 | Mars Rovers | Like the famous bunny, we keep going, and going |
| 19 | Seti | Hello . . . is there anybody out there? |
| 20 | Wmap | I'm the one who dated the Big Bang |
| 21 | Galileo | This Jupiter probe was named after the father of Astronomy |

FOUND IT OR MADE IT?

A Basher Astronomy Match-Up

FOUND IT OR MADE IT?



Can you sort the natural objects from the manmade? Number each word with the correct clue.
Good luck!

Belongs there

- 1 Famous for my blazing tail, I come around every 75 years
- 2 I'm the most common star, but I'm too dim to see with the naked eye
- 3 The holy grail for astronomers looking for a place like home
- 4 Live fast, die young, and go out with a bang—that's my motto
- 5 What's left after a giant star has given it its all
- 6 The biggest explosion in the universe
- 7 What's left over after a supernova
- 8 A screaming banshee of energy travelling at 6.2 million miles per hour
- 9 A huge squished ball of old stars
- 10 An unpredictable galaxy with a super-massive black hole at its center
- 11 It's like a massive car accident that takes one billion years

Sent there

- 12 The only space object to ever wear corrective lenses
- 13 I'm boldly going where none have gone before
- 14 Twin explorers who have seen it all
- 15 We run rings around the object of our exploration
- 16 What, you thought we picked up the trash?
- 17 Up above the world so high, like a diamond in the sky
- 18 Like the famous bunny, we keep going, and going
- 19 Hello . . . is there anybody out there?
- 20 I'm the one who dated the Big Bang
- 21 This Jupiter probe was named after the father of Astronomy

Objects

- | | |
|-------|-----------------------------|
| _____ | active galaxy |
| _____ | Cassini-Huygens |
| _____ | colliding galaxies |
| _____ | elliptical galaxy |
| _____ | extrasolar planet |
| _____ | Galileo |
| _____ | Halley's comet |
| _____ | Hubble space telescope |
| _____ | International Space Station |
| _____ | Mars rovers |
| _____ | neutron star |
| _____ | New Horizons |
| _____ | red dwarf |
| _____ | SETI |
| _____ | space junk |
| _____ | supergiant |
| _____ | supernova |
| _____ | supernova remnant |
| _____ | Voyagers |
| _____ | white dwarf |
| _____ | WMAP |

GIVE YOUR STUDENTS A WHOLE NEW WAY
TO LEARN SOME PRETTY TRICKY SUBJECTS

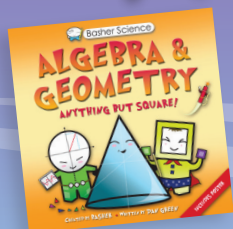


Basher

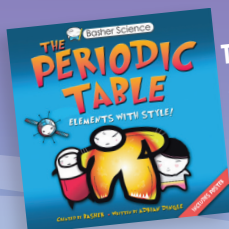
BRING BASHER INTO YOUR CLASSROOM!

BASHER SCIENCE
Paperbacks
\$8.99
Paper Over Board
\$14.99

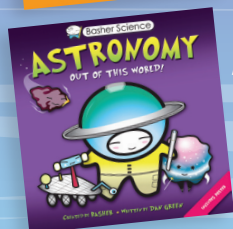
COLLECT ALL THE BOOKS IN THE
BASHER SCIENCE SERIES



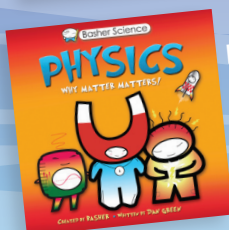
**ALGEBRA
& GEOMETRY**
Anything But Square!
PB 978-0-7534-6597-4
POB 978-0-7534-6627-8



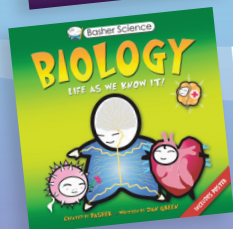
THE PERIODIC TABLE
Elements with Style!
PB 978-0-7534-6085-6
POB 978-0-7534-6613-1



ASTRONOMY
Out of This World!
PB 978-0-7534-6290-4
POB 978-0-7534-6617-9



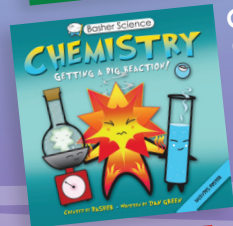
PHYSICS
Why Matter Matters!
PB 978-0-7534-6214-0
POB 978-0-7534-6612-4



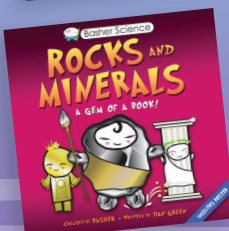
BIOLOGY
Life As We Know It!
PB 978-0-7534-6253-9
POB 978-0-7534-6622-3



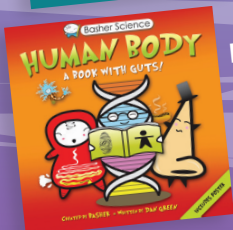
PLANET EARTH
What Planet Are You On?
PB 978-0-7534-6412-0
POB 978-0-7534-6616-2



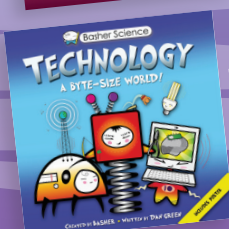
CHEMISTRY
Getting a Big Reaction!
PB 978-0-7534-6413-7
POB 978-0-7534-6615-5



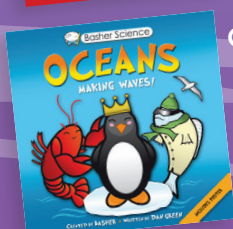
ROCKS AND MINERALS
A Gem of a Book!
PB 978-0-7534-6314-7
POB 978-0-7534-6614-8



HUMAN BODY!
A Book With Guts!
PB 978-0-7534-6501-1
POB 978-0-7534-6628-5



TECHNOLOGY
A byte-sized world!
PB 978-0-7534-6820-3
POB 978-0-7534-6819-7



OCEANS
Making Waves!
PB 978-0-7534-6822-7
POB 978-0-7534-6821-0

AVAILABLE AT
YOUR LOCAL BOOKSTORE
AND EVERYWHERE BOOKS ARE SOLD

www.basherbooks.com

BASHER BASICS
Paperbacks
\$7.99
Paper Over Board
\$12.99

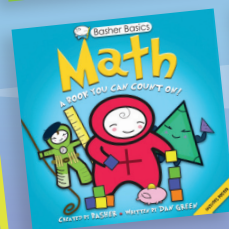
COLLECT ALL
THE BOOKS IN THE
BASHER BASICS SERIES



GRAMMAR
The Bill of Writes
PB 978-0-7534-6596-7
POB 978-0-7534-6630-8



MUSIC
Hit the Right Note
PB 978-0-7534-6595-0
POB 978-0-7534-6629-2



MATH
A Book You Can Count On
PB 978-0-7534-6419-9
POB 978-0-7534-6620-9



PUNCTUATION
The Write Stuff
PB 978-0-7534-6420-5
POB 978-0-7534-6623-0



KINGFISHER
KNOW | WONDER