

# ISAAC NEWTON

**For  
Special  
Ed**

Special Needs for Special Kids





## For students who:

- are emerging or non-readers
- take alternate assessments
- are in special education
- short-attention span
- lack pre-requisite skills
- benefit from the use of pictures for support
- middle/high school

**This unit comes from my Famous Scientists Unit.  
It pulls out just the information on Isaac Newton  
and related activities.**

**To see the entire unit on Famous Scientists,  
[CLICK HERE](#)**



# Isaac Newton Unit

By  
Christa Joy  
Special Needs for Special Kids



Christa Joy, Special Needs for Special Kids  
The Picture Communication Symbols ©1981-2018 by Tobii Dynavox. All Rights Reserved  
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

## Table of Contents

Pages	Activity
4-5	Vocabulary board
6-7	Fact sheets
8-11	Circle maps
12-14	Writing Prompt
15-16	Cloze worksheet
17-18	Terms of Use

Also included in this resource as separate files:

- Lesson plans
- Links and directions to digital activities
- PowerPoint (this is the book in the lesson plan)
- Voice recorded PowerPoint
- Notes4Me (fill-in-the-blank notes)
- Activities in black and white

Christa Joy, Special Needs for Special Kids  
The Picture Communication Symbols ©1981-2018 by Tobii Dynavox. All Rights Reserved  
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

*This unit contains material in print and digital formats. I have included a detailed lesson plan to help you make the most of everything in this unit including how to add some group activities.*

*This unit comes in 2 separate files, one in color and one in black and white.*

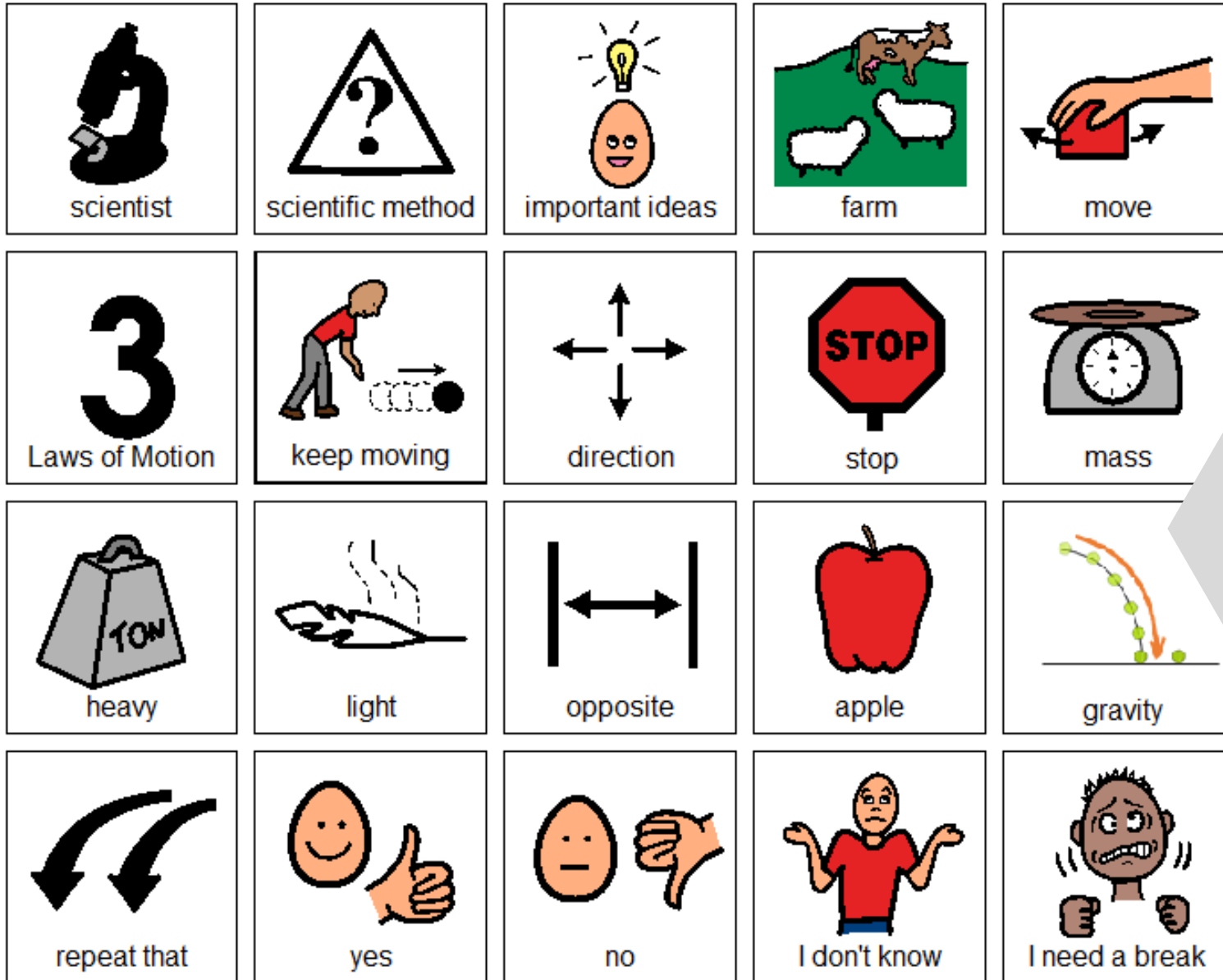
## Day 1

Activity	Notes	Materials
Read or listen to a recording of the book (15 minutes)	<ul style="list-style-type: none"> <li>Since this is the first-time students are seeing the book, I focus a lot on the pictures               <ul style="list-style-type: none"> <li>Ask lots of questions about what they might think the pictures mean or may relate to</li> </ul> </li> <li>Make connections between book and vocabulary board (have students find relevant symbols on their boards to go with a concept or photo on page.)</li> <li>Go through the book twice, once just looking at the photos and a second time reading the story</li> </ul>	<ul style="list-style-type: none"> <li>Book</li> <li>Vocabulary board</li> </ul>
Isaac Newton Fact sheet (5 minutes)	<ul style="list-style-type: none"> <li>Review the fact sheet on Isaac Newton (laminated or place in page protector for durability)</li> <li>Find relevant points in the book</li> <li>Make connections to the vocabulary board</li> </ul>	<ul style="list-style-type: none"> <li>Fact sheet</li> <li>Vocabulary board</li> </ul>
I Spy Game with vocabulary board (10 minutes)	<ul style="list-style-type: none"> <li>Hold up one of the pictures from the board so only you can see it.</li> <li>Describe it with as much detail as you can</li> <li>Ask students to put their marker/counter on the picture they think you are holding</li> <li>Turn it around and ask students to raise their hand if they got it correct</li> </ul>	<ul style="list-style-type: none"> <li>Vocabulary board cut apart</li> <li>Vocabulary board</li> </ul>
Circle Map (10 minutes)	<ul style="list-style-type: none"> <li>Do the circle map on Isaac Newton</li> <li>Choose the best version (errorless or not) depending on the learning level of your students</li> <li>Students cut out symbols and place in circle map. You can also choose to use the photos.</li> <li>Make connections to the book as necessary</li> </ul>	<ul style="list-style-type: none"> <li>Circle map</li> <li>Scissors</li> <li>Glue</li> </ul>
Sharing (10 minutes)	<ul style="list-style-type: none"> <li>Each student shares their circle map with the group using the communication method of their choice</li> <li>This repetition is so important. Students are hearing the relevant vocabulary when:               <ul style="list-style-type: none"> <li>Read the story</li> <li>Review the vocabulary board</li> <li>Complete the circle map</li> <li>Share the circle map</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Completed circle maps</li> <li>Communication devices</li> </ul>

# 3 days

The lesson plans contain:

- Overall tips for teaching students with significant needs
- A quick look at what you will do each day
- Detailed instructions on how that day's lesson should run



This unit comes with a vocabulary board.

Vocabulary boards are great for ALL students to assist with participation and engagement in group discussions.

Tips on how to use in the unit!!

The first law states that an object that is moving, will keep moving in the same direction and at the same speed unless something acts on it.



For example, when the soccer ball is coming at you and you kick it, it will start moving in the opposite direction.



*There is a book with simple text and engaging photos.*

*It comes in a PowerPoint version as well as an mp4 (movie) version.*



Isaac Newton  
1643-1727

- 🍏 He was born into a farming family.
- 🍏 He was interested in how things moved.
- 🍏 He came up with 3 Laws of Motion.
- 🍏 He discovered the effects of gravity when an apple fell on his head.
- 🍏 He was the greatest scientist of all time.

*There is a fact sheet to  
review daily.*



# Newton



 farm	 apple fell on head	 gravity	 how things moved	<b>3</b> Laws of M
 how planets move	 greatest	 things keep moving	 opposite reaction	
 farm	 apple fell on head	 refrigerator	 how things moved	
 fireplace	 weight lifter	 things keep moving	 opposite reaction	effec
 how planets move	 greatest	 gravity	 mailman	 jeep

There is a circle map.

Circle maps are a great way for students to see the concept at a glance. There are 2 versions:

- One is errorless
- One has wrong answers mixed in students will have to set aside

Hello, my name is



One day an apple fell

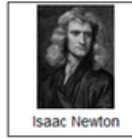
What made it fall? I decided to

I learned there was something called gravity. Gravity kept

on

the ground.

This changed how people thought about the



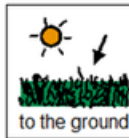
Isaac Newton



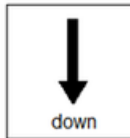
off a tree



on my head



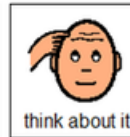
to the ground



down



investigate



think about it

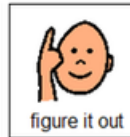


figure it out



ask questions



do an experiment



observe



me



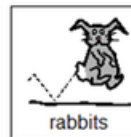
people



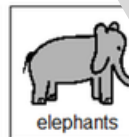
dogs



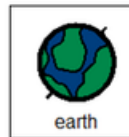
horses



rabbits



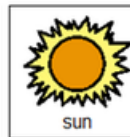
elephants



earth



planets



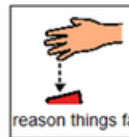
sun



moon



way things moved



reason things fall

There is a writing prompt included. Students will write a story as though they were Isaac Newton. These writing prompts are errorless and students can do them more than once to make different stories.

# Isaac Newton



1. Newton was born on a

2. Newton was interested in how things

3. Newton came up with

Laws of Motion.

4. Newton became interested in gravity when an

fell on his head.

5. Newton is considered the

scientist of all time.

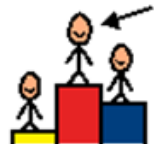
3



farm



moved



greatest



apple

*There is a close (fill in the blank) worksheet.*

*This will take the place of the normal assessment.*

Watch the  
movie on  
Isaac Newton



*This unit also includes digital versions of the activities.*

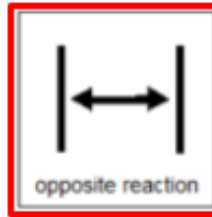
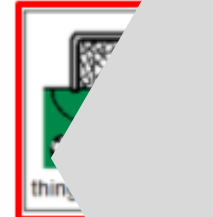
*Students can watch a movie book version of the book rather than printing it out.*

Great for review

Newton



Place the picture in the circle map about Isaac Newton.



Each activity is set up so students can click and drag answers. No typing is required.

Perfect for every learning level

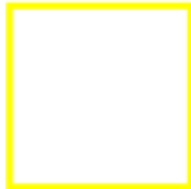
Isaac Newton



1. Newton was born on a



2. Newton was interested in how things



3. Newton came up with



Laws of Motion.

4. Newton became interested in gravity when an



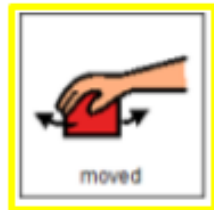
fell on his head.

5. Newton is considered the



scientist of all time.

Choose the best picture to finish each sentence.



The second set of slides uses color for differentiation and extra support for students who may need it. Mix and match slides from both sets to make the perfect set for each student.

*This resource comes in a zipped folder. You will need to unzip the folder to access all the contents which include:*

- *3 days of lesson plans*
- *Isaac Newton activities in color*
- *Isaac Newton activities in black and white*
- *Voice-recorded PowerPoint show*
- *Issac Newton book (PowerPoints) to use with activities*
- *Notes4Me and answer key*
- *Links and directions to digital activities*