



## Free Interactive Whiteboard Resources

Interactive whiteboards are a great way for teachers to engage classrooms in learning. While many teachers are spending hours a day creating their own activities for their interactive whiteboards, there are tons of free sources to help teachers learn about and use IWBs with students.

Here is a list of interactive whiteboard resources and activities guaranteed to stimulate learning:  
**General Teacher Resources for Interactive Whiteboards**

**[TeacherLED](#)** – TeacherLED is a site dedicated to making the use of Interactive Whiteboards (IWB) easier and more productive. This comprehensive site features resources to use with IWBs in math, English, and geometry.

**[SMART Exchange](#)** – This SMART Board interactive whiteboard site provides several lesson plans and activities for teachers to use in the classroom. SMART lessons are available for a variety of ages and subjects.

**[Topmarks](#)** – With some of the best free educational materials for IWBs, Topmarks is a great resource for finding IWB lesson plans and activities. This educational site also features teacher resources, educational sites for classroom, and homework help.

**[Interactive Whiteboard in the Classroom](#)** – This site for whiteboard users features tutorials, interactive websites, and software.

**[Eduscapes](#)** – This guide to interactive whiteboards explains different activities and resources that can be used with IWBs. Eduscapes is a good starting place for teachers who are just beginning to use this technology in the classroom.

**[Promethean Planet Teaching Resources](#)** – Promethean also invites members of their community to share their lessons and activities for their whiteboards.

**[Mimio Connect Lesson Plans](#)** – If your classroom has a Mimio system, find lessons by searching keywords, sorting by grade or choosing your preferred subject.



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## Interactive Whiteboard Games & Activities

[PBS](#) – PBS provides a collection of fun, interactive SMART Board games. All of the games featured on this site are age appropriate and screened by educators.

[MathFrame.co.uk](#) – This site, created by a school teacher, houses several interactive math games specifically designed for IWBs. All activities are aimed at reinforcing mathematical concepts and skills.

[BBC History Game](#) – BBC offers several interactive activities that can be used with interactive whiteboards. This Famous People history game is a great way to teach elementary children about historical figures.

[Scholastic](#) – Scholastic provides interactive whiteboard lessons for phonics, math, science, and history. This site also features a search engine for finding more lessons across North America.

[Crickweb.co.uk](#) – Crickweb.co.uk provides 15 free resources for use with interactive whiteboards. These math activities are designed to teach elementary students the basics of math.

[Math Playground](#) – The Math Playground offers interactive math activities for middle schoolers. These games and activities work well for teachers who want to engage the entire class.

[Classbrain](#) – This game site features several interactive math games that work with IWBs. A fun game worth trying with students is Regrouping.

[Funbrain](#) – Funbrain offers several interactive educational games for use with IWBs. These fun games cover a range of subjects and grades.

[Kerpoof](#) – Kerpoof is an educational interactive website from the Walt Disney Company that can be used with IWBs. This site is a great way for children to create, discover, and learn.

[Skeleton of the Beast](#) – This interactive game from Discovery Education is a useful learning tool for IWBs. Skeleton of the Beast features four skill level timed games that teach children about prehistoric animals.



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### *Interactive Whiteboard Games & Activities cont.*

**Xpeditions** – Xpeditions from National Geographic provides an atlas that can be used on interactive whiteboards. This atlas explores every region of the world.

**Periodic Table** – This interactive periodic table site was designed for educational use by elementary to high school students. The site works with interactive whiteboards to introduce and engage children in learning the element table.

**Archiving Early America** – Archiving Early America features a range of short videos on American history that are perfect for use on IWBs.

**Memorial Hall Museum** – This free online museum features a complete interactive website for teachers. IWB teachers can view collections, online exhibits, and games.

**Place the State** – Place the State is an interactive geography game from Bensguide.gpo.gov. This resource can be used with IWBs to teach students about U.S. states.

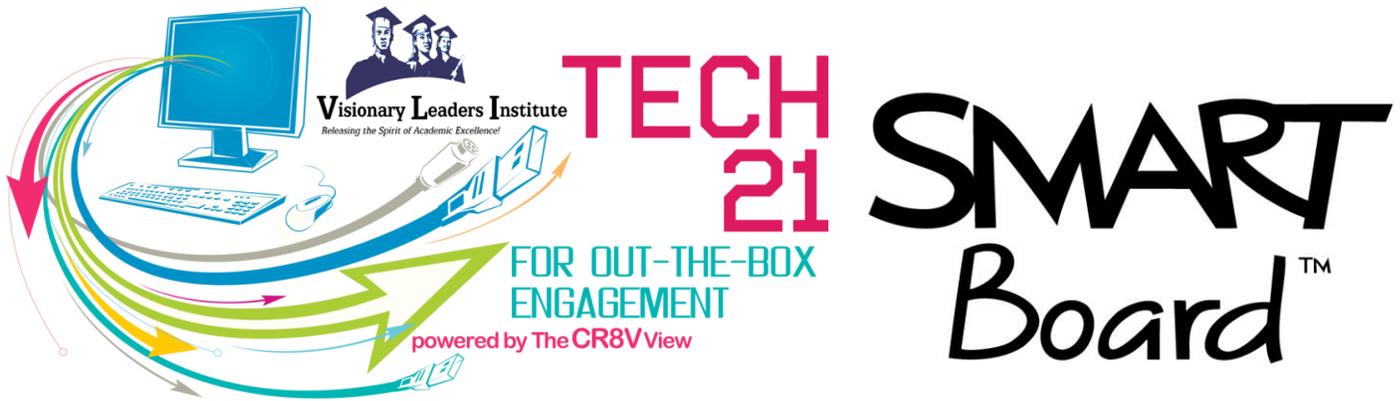
### **More Unique, Cool Whiteboard Resources Students Love**

Engaging students in some classroom topics can be difficult. But with the help of your interactive whiteboard you can get and keep your students interested in what you are trying to teach them. These activities are all especially cool.

**Scale of the Universe** – This cool update to an old tool lets you scroll from the size of a person and head out into space – viewing the solar system, galaxy and eventually the entire universe. Or zoom smaller and smaller down to sub atomic particles. This new version is clickable – and tells you a little more about the different planets and objects you can see as you drag the slider to view bigger or smaller objects.

**Stellarium** – This free planetarium software is perfect for astronomy lessons. Stellarium displays a realistic 3D sky, complete with planets, major moons, more than 600,000 stars, and constellations from 10 cultures.

**Illuminations** – Created by the National Council of Teachers of Mathematics, Illumination provides more than 100 interactive math games and activities for students in grades pre-K through 12.



*More Unique, Cool Whiteboard Resources Students Love cont.*

**FreeRice** – FreeRice is an amazing trivia game from the United Nations World Food Program. Rice is donated to hungry people every time visitors answer trivia questions correctly. Trivia categories include art, chemistry, math, English vocabulary and grammar, geography, and language learning.

**Signed Stories** – Signed Stories features videos of stories being told with sign language and subtitles. Although the site is designed primarily for deaf children it would be useful to any classroom interested in learning more about sign language.

**Sheppard Software** – Sheppard Software provides a wide range of free educational web games for students. Covered topics include animals, science, chemistry, health, history, math, and vocabulary.

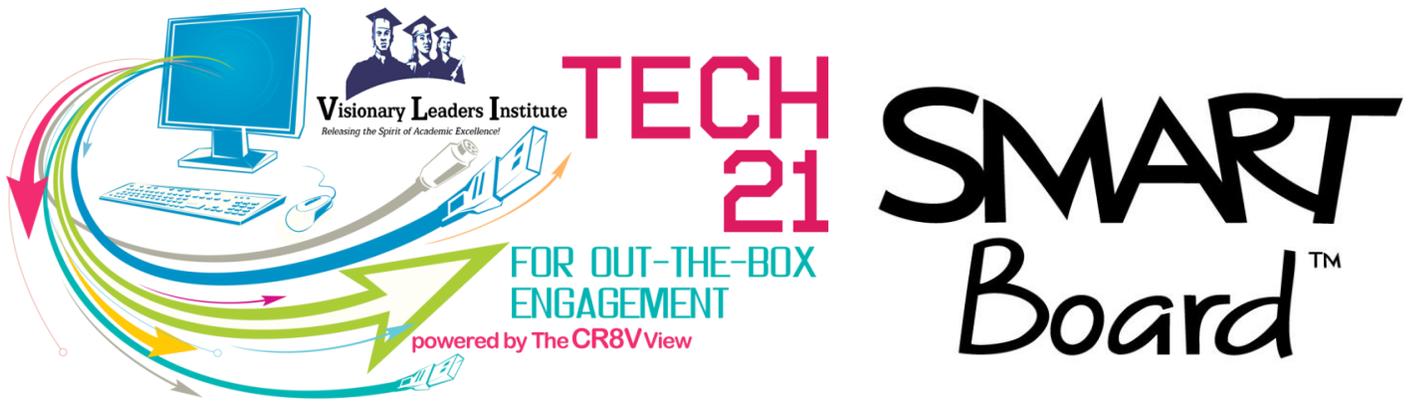
**Fit Brains** – Designed by a clinical neuropsychologist and brain health expert, Fit Brains is an online gaming platform with puzzles and other “brain games.” Players can track their progress and win trophies and achievements when they do well.

**Tutpup** – Tutpup is a competitive game site that allows students to play interactive web games with other children around the world. All of the games on Tutpup focus on math or spelling.

**Spelling City** – Spelling City is a free online learning platform with 10 learning games and more than 40,000 spelling words. The site also offers how-to videos to help teachers integrate Spelling City into the curriculum.

**The Eco Zoo** – The Eco Zoo is a 3D environment that can be used to teach students about environment, ecology, and eco-friendly living. Content can be viewed in Japanese or English.

**NASA Space Place** – This award-winning NASA website is a good place to find videos, animations, and games that teach kids about space science and technology. Nearly all of the materials on this site would work well with an interactive whiteboard.



## Science Websites for Your Interactive Whiteboard

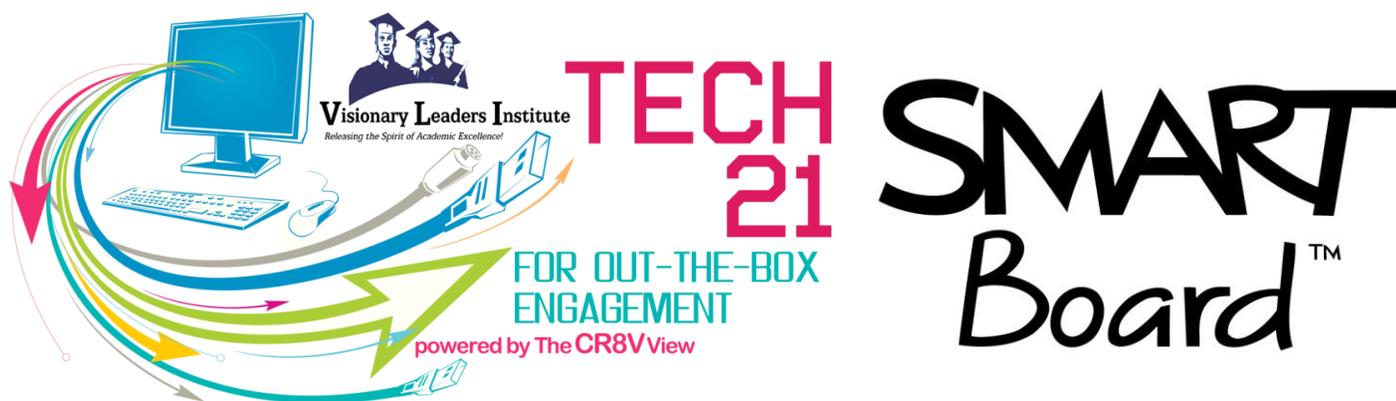
**[Google Body Browser](#)** – This is Google Maps for the human body! Google Body is a detailed 3D model of the body. You can peel back anatomical layers, zoom in, click to identify anatomy, or search for muscles, organs, bones and more. At the moment this won't work in most web browsers, you will need to get the beta of the new Firefox or Chrome, but keep an eye out later this year for an update.

**[The Children's University of Manchester](#)** – This excellent resource is aimed at KS2 and covers subjects such as electricity, health and space. There are a number of interactive Flash games that you can use, and even better they come with a "full screen" option which makes them much easier to display and use on your board. There is also information about real scientists working at the university and what research they do.

**[Succeeding with Science](#)** – Created by Sellafield Nuclear Power Station, this website contains many different interactive activities and downloadable resources. There are resources here for both primary and secondary teachers on a number of different topics. There's also information about the power station itself.

**[National STEM Centre](#)** – This site contains a wealth of resources to support the teaching of Science, Technology, Engineering and Maths in Key stages 1 – 5. There are interactive resources, but also downloadable PowerPoint presentations. There are some excellent resources produced by the Association for Science Education (ASE) as part of Science year which are now archived on the site. You need to register to download all the resources, but it is free to do so.

**[BP Science Resources](#)** – The BP Educational Service (BPES) produces curriculum-linked teaching resources about BP and the Energy industry for 5 to 19 year olds. There are some great interactive resources on the site. Primary teachers will really like their Young Science Investigators series. Secondary teachers should check out the Science Skills unit. The online resources also come with downloadable teachers notes and worksheets. A login is required to download the full packs, but again it is free to register.



*Science Websites for Your Interactive Whiteboard cont.*

**[ChemCollective Virtual Lab](#)** – The ChemCollective is a digital library of online activities for KS3/KS4 chemistry teachers which aims to engage students in more authentic problem-solving activities than those found in most textbooks.

Their virtual lab will look slightly familiar to anyone who has ever used Crocodile Chemistry. It's a free simulation which allows mixing of different chemicals and provides information such as pH and temperature as the chemical reaction takes place. Comprehensive guides are available on the site which explains what to do.

As always, virtual simulations should not replace actually doing the experiments for real. But sometimes, for revision purposes, or for times when a lab is not available, being able to access these kind of online simulations can be very useful.

**[O2 Learn](#)** – O2 is building a video library of great revision lessons, from teachers across the country. Teachers can submit videos of themselves delivering short guides to different topics. Students can also request help on difficult areas. Would be good for revision.

**[NGFL Cymru](#)** – The Welsh National Grid for Learning website is a wealth of resources for all key stages and all subjects – but in particular science. Available in both English and Welsh.

**[TES I-Board](#)** – Some excellent, free, resources for KS1 science (and other subjects) which work great on an IWB.

**[SnagLearning](#)** – SnagLearning is dedicated to bringing high quality, award-winning documentaries to an online audience around the world. The site features carefully selected films from their library of over 1,600 documentaries that are appropriate for students from KS2 upwards. Our titles cover nearly every classroom subject and many are produced by well-known educational sources, including PBS and National Geographic.