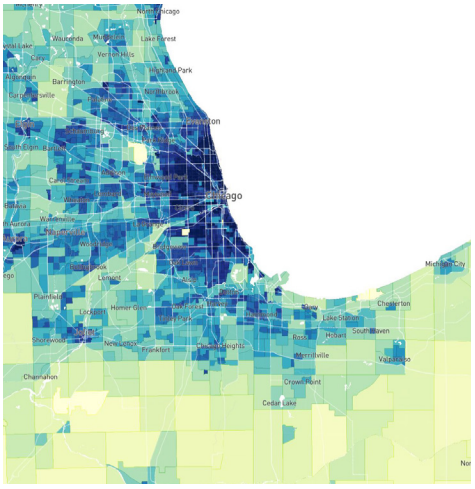
PLACES & SPACES
MAPPING SCIENCE

Exhibit Installation Guide



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Contact Information

Contacts:

If you have questions about installing any of the exhibit materials, please contact one of the following people (in this order):

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Bloomington, IN 47408, USA

Website:

scimaps.org

List of Crates

Installation Tools Needed:

- » Phillips screwdriver
- » Hammer (depending upon wall material)
- » Velcro (depending upon wall material)
- » Cordless drill
- » Tape measure
- » Level (laser if possible)
- » Screws or nails

Crate 1 of 12
Dimensions: 72” x 36” x 30”
(183cm x 91cm x 76cm)
Contents: Iterations 1-2
Weight: 270 lbs.

Crate 2 of 12
Dimensions: 37” x 34” x 37”
(94cm x 87cm x 94cm)
Contents: Iteration 3
Weight: 176 lbs.

Crate 3 of 12
Dimensions: 45⅜ x 35” x 34¼
(116cm x 89cm x 87cm)
Contents: Iteration 4
Weight: 244 lbs.

Crate 4 of 12
Dimensions: 45⅜ x 35” x 34¼
(116cm x 89cm x 87cm)
Contents: Iteration 5
Weight: 244 lbs.

Crate 5 of 12
Dimensions: 45⅜” x 35” x 34¼”
(116cm x 89cm x 87cm)
Contents: Iteration 6, (3 mac minis, power adapters, and cords: not travelling)
Weight: 241 lbs.

Crate 6 of 12
Dimensions: 45⅜ x 35” x 34¼
(116cm x 89cm x 87cm)
Contents: Iteration 7
Weight: 220 lbs.

Crate 7 of 12
Dimensions: 45⅜ x 35” x 34¼
(116cm x 89cm x 87cm)
Contents: Iteration 8
Weight: 218 lbs.

Crate 8 of 12
Dimensions: 45⅜ x 35” x 34¼
(116cm x 89cm x 87cm)
Contents: Iteration 9
Weight: 210 lbs.

Crate 9 of 12
Dimensions: 45⅜ x 35” x 34¼
(116cm x 89cm x 87cm)
Contents: Iteration 10
Weight: 221 lbs.

Crate 10 of 12
Dimensions: 50” x 44” x 42”
(127cm x 112cm x 107cm)
Contents: Additional Elements, Map labels for Iterations 1-3
Weight: 349 lbs.

Crate 11 of 12
(plastic footlocker)
Dimensions: 24” x 22” x 38”
(61cm x 56cm x 97cm)
Contents: 3 *WorldProcessor* Globes
Weight: 67 lbs.

Crate 12 of 12
(black wheeled case)
Dimensions: 37”x 47”x 27”
(94cm x 120cm x 69cm)
Contents: Touchscreen Kiosk
Weight: 350 lbs.

Total Crate Weight: 2810 lbs (1275 kg)

Suggested Layout

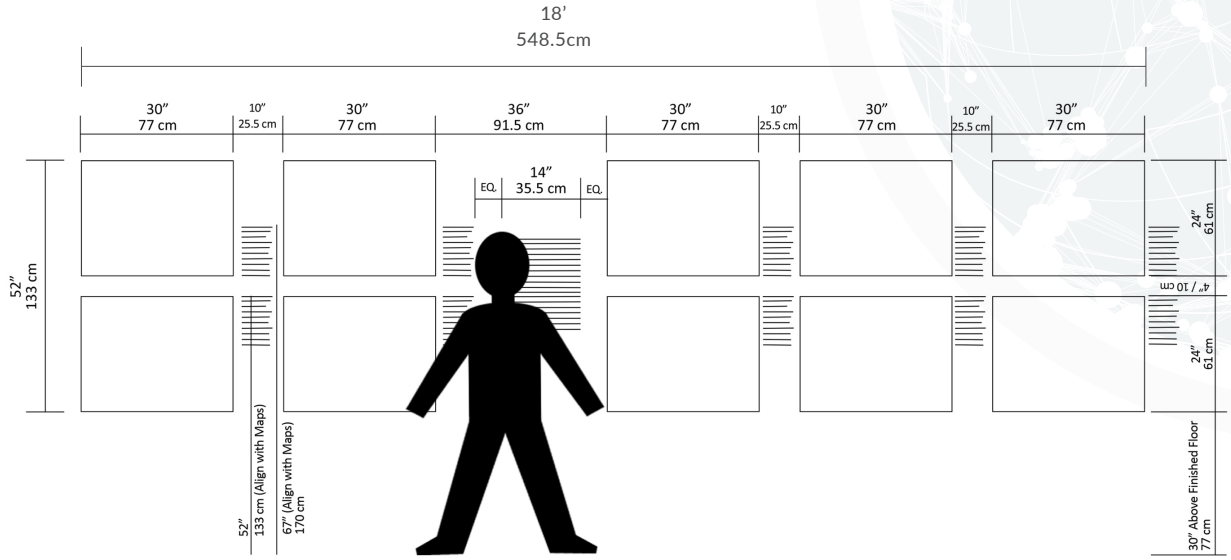


Fig. 1.1 - Suggested layout of one iteration of maps

The *Hands-on Science Maps for Kids* should be displayed on a table. They are 18 in. (45.72 cm) tall, 12 in. (30.48 cm) deep, and about 33 in. (83.82 cm) wide [Fig 2.1, 2.2].

The *Macroscope Kiosk* consists of a touchscreen kiosk with screen, stand, and computer. The kiosk is 52 in. (132 cm.) tall, 42 in. (107 cm.) wide, and 29 in. (74 cm.) deep [Fig 2.3].

The *WorldProcessor Globes* have a diameter of 12 in. (30.48 cm). The stands should be adjusted so that the top of the globe stands no higher than 5 ft. (1.53 m) from the floor, which allows people of varying heights to enjoy them easily [Fig 2.4].

The exhibit also includes an introductory panel, compare & contrast panels (one per iteration), and labels for all elements of the exhibit.

Suggested Layout (cont.)

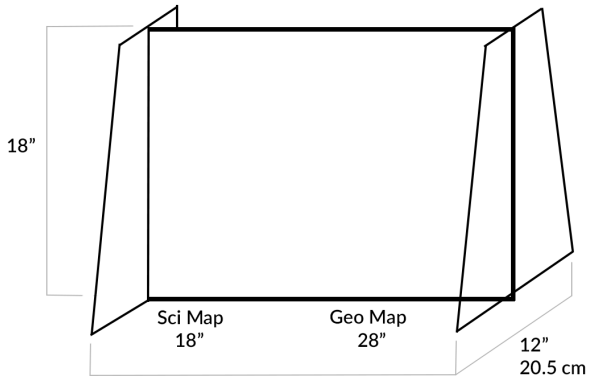


Fig. 2.1 - *Hands-on Science Maps for Kids* dimensions

Fig 2.2 - Geomap on top, Sci Map on bottom

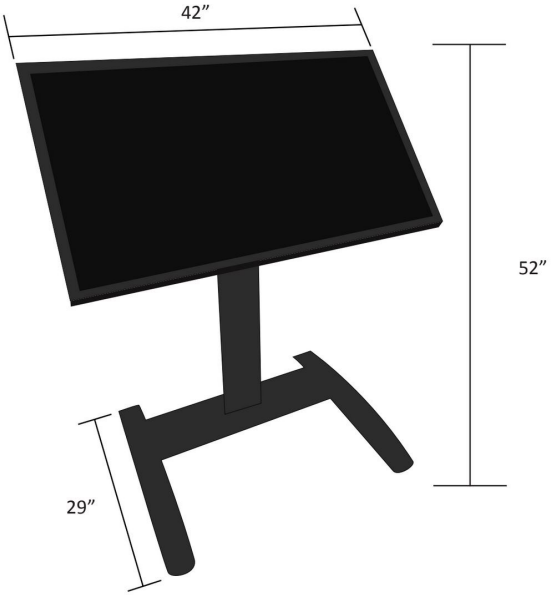


Fig. 2.3 - Macroscope Kiosk

Fig. 2.4 - *WorldProcessor* Globe

Macroscope Kiosk Setup

Below is a list of the equipment that will come with the macroscope kiosk. Please make sure all items listed arrive at your venue. Notify us as soon as possible if any of these pieces is missing so we can work with you to replace them. Please also verify that all pieces are included when packing up the exhibit so everything is complete for the next venue.

Included Equipment:

- 46" Elo touchscreen
- Kiosk stand (including shelf & base)
- White extension cord (threaded through the upright stand).
- Alienware PC
- Keyboard
- Mouse
- Headphones
- Touchscreen power cord
- Alienware power cord
- Kensington combination lock
- USB touchscreen cord
- HDMI cord
- Audio cord
- DVI cord
- Black velcro straps
- Bag w/4 screws for base, 2 screws for monitor, 2 hex keys for base, and monitor assembly.
- One package of LCD screen wipes

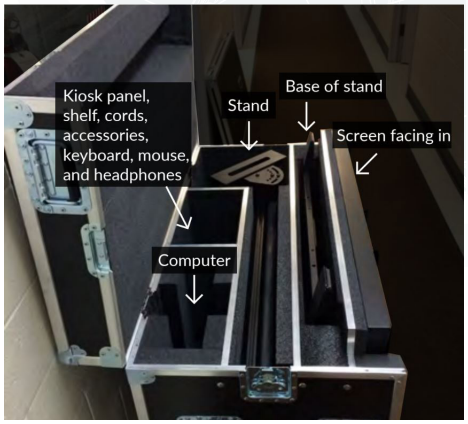


Fig. 3.1 - Packed travel case

1.0 Assembling the kiosk

The stand that supports the touchscreen travels in three separate pieces. First you will want to attach the base to the upright. Then you can attach the shelf to the upright. Be careful when removing the drop front of the shipping case, as it comes off entirely.

Fig. 3.2 - Attatching base to upright

1.1 Attaching the base to the upright

The base has 4 screws that attach the base to the upright [Fig 3.3]. You will need to turn the base at a 45-degree angle from the floor in order to access the screws [Fig 3.2]. A second person is needed to hold the upright into position as the screws are installed using the 7/32" hex key. Screw these into place. Turn the base upright again.

Fig. 3.3 - Accessing the screws

1.2 Attaching the shelf

An accessory shelf attaches to the front of the kiosk stand in order to hold the PC that powers the touchscreen. This shelf must be removed for travel, but the knobs that support the shelf remain in place during shipping. The locations of the knobs and the shelf itself are marked in silver on the upright. Unscrew and remove the knobs (carefully, without dislodging the shelf nuts inside the upright), insert the shelf, and reinsert the knobs and tighten.

Macroscope Kiosk Setup (cont.)

1.3 Installing the screen

This step is best done with three people. Have two people hold the metal mount on the back of the screen and slide it up vertically until free from the case. This prevents screen damage from horizontal bending. Now, have two people lift the screen into position on the monitor stand. The two top screws on the mounting hardware on the back of the screen will slide into the keyhole opening at the top of the upright and slide down into place. Two more screws can be found in the plastic bags with the hex keys. The third person inserts the two lower screws into position, connecting the screen to the stand. Once you have established that the screws are positioned correctly, use the security hex key (the one with a hole in the center) to tighten the two bolts.

Fig. 3.4 - Stand with monitor attatched

1.4 Connecting the computer

The computer that runs the touchscreen sits on the shelf below the screen. Set the computer in place. Now, secure the computer to the stand with the Velcro strap. Secure the computer to the stand using the Kensington combination lock. The combination is 1104.

The next step is to connect the computer, screen, and power supply. The power cords for both the computer and monitor plug into the extension cord in the accessory box behind the screen.

Connect the screen and computer using the **HDMI** cable, and then connect the screen and computer using the **USB** Touch cable.

Tuck these cords into the accessory box (behind the screen) as much as possible to reduce the visual clutter of hanging cords.

A DVI cord and a 1/8" to 1/8" audio cord can be used in place of the HDMI cord. They have been provided in a separate bag to serve as a backup method of connection. You probably will not need them.

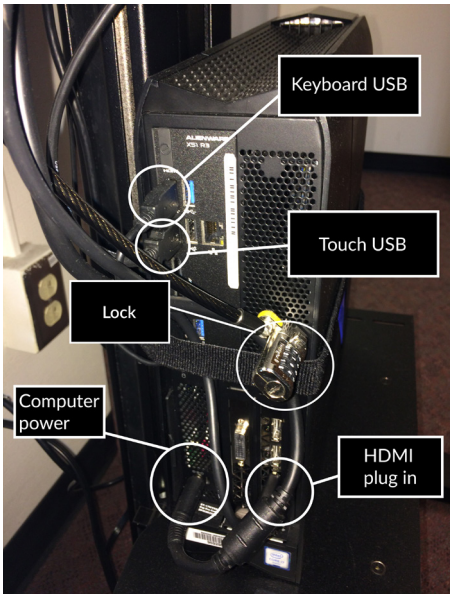


Fig. 3.6 - Hardware on the back of the

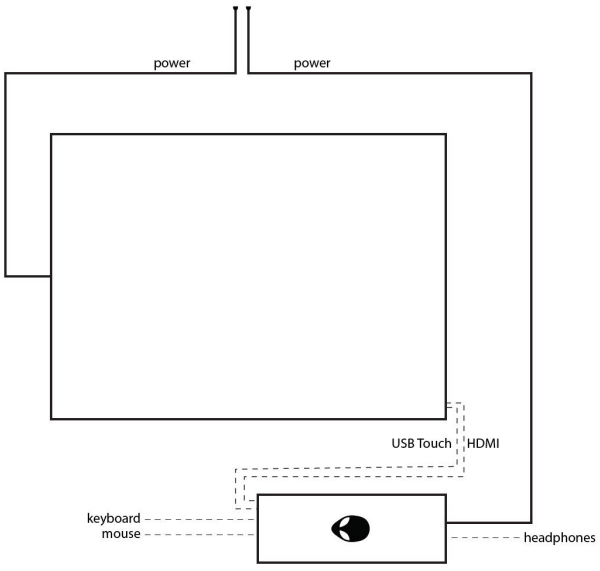


Fig. 3.7 - Wireframe of the hardware

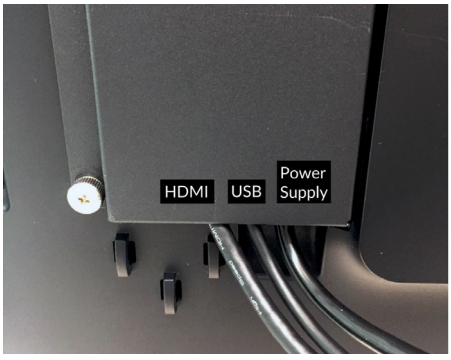


Fig. 3.5 - Cords on the back of the touch

Macroscope Kiosk Setup (cont.)

2.0 Launching the Software

Before starting , make sure that the touchscreen is connected and turned on.

Press the computer's power button [large button at the top of the peak on the right hand side] until illuminated [Fig 4.1]. The macroscope program will start up in 2-4 minutes. You will see the Ubuntu loading screen, the desktop with the P&S logo, then the macroscopes will launch [Fig 4.2].

If it is the first time deploying the kiosk at your venue and individual macroscopes aren't loading, you may need to first connect to Wi-Fi. See Sections 2.1 - 2.2 below.

Please remove the keyboard before visitors have access to the kiosk.

Fig. 4.1 - Turning on the computer

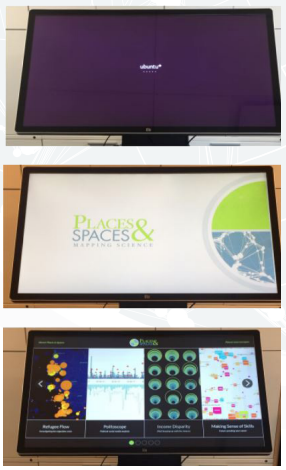


Fig. 4.2 - Startup screens

2.1 Switching from kisok mode to desktop mode

In order to change the Wi-Fi settings, you will need to put the kiosk into a configurable state.

Facing the kiosk, the backside [Fig 3.6] of the computer should be facing left and the frontside [Fig. 4.1] facing right. Plug the mouse and keyboard into the USB ports on the frontside.

Wait 30 seconds, then press down **Ctrl** + **Alt** + **F2** [Fig 4.3] This takes you to the terminal [Fig 4.4].

Once on the terminal, type cns for the login and press enter, then type in the password "Just a dumb ki0sk" and hit enter. While it won't appear that your typing is working, the computer is registering it. If you mistype the password, you will need to renter both the username and password.

Fig. 4.3 - Opening terminal

Login Information
Username/Login: **cns**
Password: **Just a dumb ki0sk**
(the '0' is a zero)

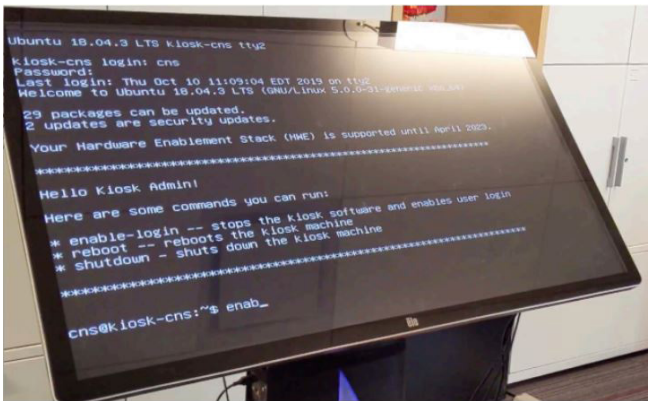


Fig. 4.4 - Logging in from terminal

Macroscope Kiosk Setup (cont.)

2.1 Switching from kisok mode to desktop mode (cont.)

Now that you are logged in as cns, you will be taken to another terminal screen which lists command options. Type enable-login and press enter, then the password (see login info to right) and press enter. A screen with white, green, and red text might pop up; if it does, ignore it and press enter

.After a few seconds you will be taken to a screen that looks like a typical login screen. Select 'cns' as the user, and enter the password (see login info on the right). You are now on the desktop [Fig 4.5] (Ubuntu 18.4)

Fig. 4.5 - Desktop Mode

2.2 Setting up Wi-Fi

Before going to configure wireless connection, check the Wi-Fi information for Linux operating systems at the venue or institution. Once you are in the desktop mode (see Section 2.1 above), enable or change the Wi-Fi by clicking the **Wi-Fi** symbol in the upper right hand corner of the screen and then **Select Network**. The networks available to you will pop up [Fig 4.6]. Select your network and hit **connect**. Depending on your selected network type one of the following will happen:

-Open [Preferred] A window with terms and conditions may appear, or you will be connected automatically.

-Secured Network configuration options will pop up [Fig 4.6] Accept the defaults given (unless you your network has different requirements). If you run into issues, please consult the Ubuntu WiFi Documentation (help.ubuntu.com).

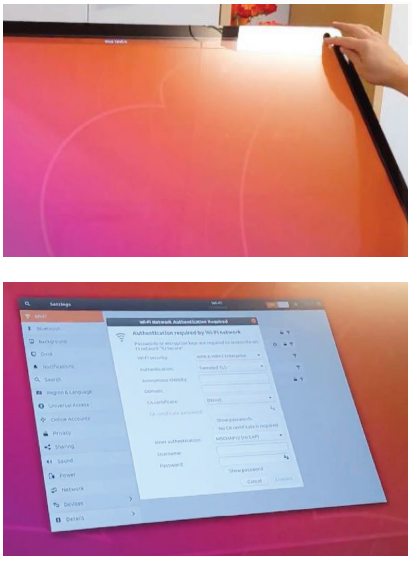


Fig. 4.6 - Logging onto Wi-Fi

3.0 Turn off the kiosk

We recommend that you restart the kiosk if you encounter difficulties with the macroscope app.

If in Macroscope mode, simply press the blue button on the top front of computer for several seconds until the light turns off. If in desktop mode, select the **power** icon in the upper right hand corner to turn off or restart computer.

4.0 Cleaning and maintenance

Keep the following points in mind when cleaning the surface of the touchscreen display. When the surface becomes dirty, wipe it lightly with a clean microfiber cloth. If the surface requires additional cleaning, use LCD screen cleaner or LCD wipes. A package of LCD wipes can be found in the road case. If you use a spray cleaner, spray the cleaner onto a microfiber cloth rather than directly onto the screen.

Do not let cleaner seep into the display, as it may cause electrical shock or damage.

If practical, turn the screen off when the exhibit space is closed. This will prevent temporary ghost images.

FAQs

I am planning the exhibit layout. Where is the best place to locate the kiosk?

You will need to run a cord to a grounded electrical outlet. If you want to use ethernet, you will need to be within reach of that outlet as well. Because the screen uses infrared technology to register touch, placing the kiosk in direct sunlight might cause difficulties with interpreting touch input correctly.

When I go to a macroscope, I get a "Server not Found" message.

This suggests a problem connecting to the internet. The macroscopes require a connection to the internet, either via Wi-Fi or ethernet, in order to function.

To access connection settings, plug the keyboard into a USB port on the computer and press **Alt** + **F4**. This will return you to the Explorer screen. In the lower-right corner on the task bar you will see either a **Wi-Fi** symbol or a **network connection** symbol. Tap this to check that your connection is working properly or to reconfigure your connection. Staff at your site are the best resource for further information on how to connect to your Wi-Fi or network.

Touch isn't working. What do I do?

Check whether the USB Touch cord is connected to both the screen and the computer. If you are not able to make anything happen by touching the screen, you will need to restart the computer. Plug in the keyboard, press **Alt** + **F4**, touch the **Windows** icon in the lower-left corner, and select **restart**. You may want to turn the screen off and on again as well.

How can I adjust the sound volume?

Plug in the keyboard and press **Alt** + **F4** to return to the Explorer window. Touch the **sound** icon in the lower-right corner of the screen and slide the bar to adjust the sound up or down. If you would prefer headphones, you can plug the included headphones into the **audio out** jack on the monitor or into the **headphones** jack on the PC.

I got a screen that says 'A start job is running for Hold un...' when I tried to get to the terminal. What do I do?

This happens if you try to enter the terminal too quickly after turning on the computer. To get back to the macroscope mode, press down **Ctrl** + **Alt** + **F1**. After you've waited 30 seconds, try to enter the terminal again (**Ctrl** + **Alt** + **F2**).

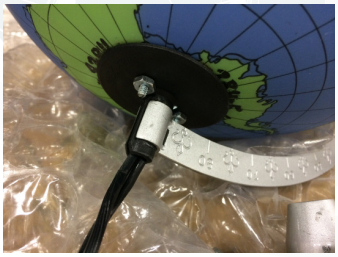
I'm stuck. Is there someone I can contact for technical issues?

Yes. If restarting hasn't fixed the issue or you are having difficulties getting the kiosk setup, one of our team members is happy to help. See page 3 for contact information.

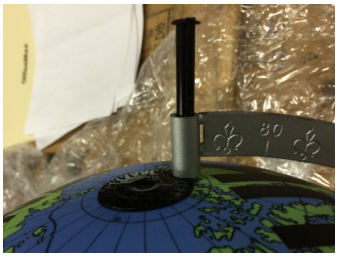
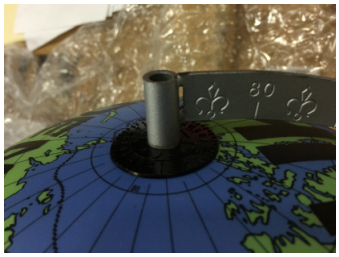
WorldProcessor Globes Assembly

The globes are fragile. Cotton gloves are enclosed for use when handling these delicate sculptures. When unpacking the globe, please set it on a clean, padded surface (such as the bubble wrap it was packed in). *Note: the bulb assembly is designed to sit loosely inside the globe. Do not try to tighten it.*


1. Fully extend the tripod legs and and lock into position. Use the handle to extend the neck and lock it into place with the round collar.

2. Remove the black plastic pin at the top of the globe and set aside. Fit the black power cord at the base of the globe into the lower end of the silver globe bracket.

3. Carefully fit the top of the silver globe bracket into place at the top of the globe with the black disk between the globe and the silver bracket. Exercise caution to prevent scratching the surface of the globe.


4. Insert the black plastic pin through the globe bracket and into the globe. The bracket can now be attached to the tripod stand.


5. Screw the bracket onto the neck of the tripod, keeping the power cord away from the neck to prevent it from getting tangled. Plug the power cord into an outlet to illuminate the globe.


6. Fill the water bottle and attach the clip on the top of the bottle to the screw hook on the base of the tripod. This stabilizes the base, making it less likely that a visitor will knock the globe over accidentally.

List of Insurable Items

Total Cost of Insurable Items: $76,121

Insurable components of the 100 maps: **$29,436**

Item	Cost Per Item	Number of Items	Total Cost
Maps	$250	100	$25,000
Introduction Panel	$300	1	$300
Compare & Contrast Panel	$150	10	$1500
Map Label	$25	104	$2,600
DVDs (2)	$18	2	$36
Books (3)	$30	3	$90

Insurable components of *WorldProcessor* Globes by contributing artist Ingo Günther: **$15,075**

Item	Cost Per Item	Number of Items	Total Cost
WorldProcessor Globe	$5,000	3	$15,000
Globe Label	$25	3	$75

Insurable components of the *Hands-on Science Maps for Kids*: **$4,050**

Item	Cost Per Item	Number of Items	Total Cost
Map	$2,000	2	$4,000
Map Label	$25	2	$50

Insurable components of the Macroscope Kiosk: **$5,900**

Item	Cost Per Item	Number of Items	Total Cost
Elo 43” touchscreen	$2500	1	$2500
Kiosk Stand	$475	1	$475
Kiosk Shelf	$57	1	$57
Alienware R13 PC	$1500	1	$1100
Headphones, lock	$50	2	$150
Compare & Contrast Panel	$150	1	$150
	10 crates plus 2 road cases		$16,400 (replacement value)

Insurable componets for storage and transportation: **$16400**

Items		Total Cost
Crates	10 wooden crates, 1 kiosk case, 1 foot locker	$16400

Condition Report and Crate Inventory

Please report the condition of exhibit materials as they arrive at your venue and again as you pack them for travel to their next destination. Thank you for helping us keep the exhibit in excellent condition!

Report completed by: _____ Date: _____

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 1 of 12		1st Iteration: The Power of Maps (2005)				
Double crate	I.1	Cosmographia *World Map*, by Claudius Ptolemy				
Requires a Phillips Screwdriver to open	I.2	*Nova Anglia, Novvm Belgivm et Virginia*, by Johannes Janssonius				
No map labels this crate; Map labels in Add'l Elements crate	I.3	*A New Map of the Whole World with the Trade Winds According to the Latest and Most Exact Observations*, by Herman Moll				
	I.4	*Napoleon's March to Moscow*, by Charles Joseph Minard				
	I.5	*1996 Map of Science: A Network Representation of the 43 Fourth-Level Clusters Based on Data from the 1996* Science Citation Index, by Henry G. Small				
	I.6	*Ph.D. Thesis Map*, by Keith V. Nesbitt				
	I.7	*Timeline of 60 Years of Anthrax Research Literature*, by Steven A. Morris				
	I.8	*Treemap View of 2004 Usenet Returnees*, by Marc Smith and Danyel Fisher				
	I.9	*In Terms of Geography*, by André Skupin				
	I.10	*The Structure of Science*, by Kevin W. Boyack and Richard Klavans				
		1st Iteration Compare and Contrast Panel 14" x 20"				
		Number of hanging cleats? 0				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
		2nd Iteration: The Power of Reference Systems (2006)				
	II.1	*U.S. Frequency Allocations Chart*, by the National Telecommunications and Information Administration				
	II.2	*Visual Periodic Table of the Elements*, by Murray Robertson and John Emsley				
	II.3	*Cartographica Extraordinaire: The Historical Map Transformed*, by David Rumsey and Edith M. Punt				
	II.4	*Sky Chart of New York City in April 2006*, by Roger W. Sinnott and The Interactive Factory				
	II.5	*HistCite™ Visualization of DNA Development*, by Eugene Garfield, Elisha F. Hardy, Katy Börner, Ludmila Pollock, and Jan Witkowski				
	II.6	*History Flow Visualization of the Wikipedia Entry on "Abortion,"* by Martin Wattenberg and Fernanda B. Viégas				
	II.7	*TextArc Visualization of The History of Science*, by W. Bradford Paley				
	II.8	*Taxonomy Visualization of Patent Data*, by Katy Börner, Elisha F. Hardy, Bruce W. Herr II, Todd M. Holloway, and W. Bradford Paley				
	II.9	*Map of Scientific Paradigms*, by Kevin W. Boyack and Richard Klavans				
	II.10	*WorldProcessor: Zones of Invention–Patterns of Patents*, by Ingo Günther				
		2nd Iteration Compare and Contrast Panel 14" x 20"				
		Number of hanging cleats? 0				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 2 of 12		3rd Iteration: The Power of Forecasts (2007)				
Wheeled crate	III.1	*Tectonic Movements and Earthquake Hazard Predictions*, by Michael W. Hamburger, Chuck Meertens, and Elisha F. Hardy				
Requires a Phillips Screwdriver to open	III.2	*The Oil Age: World Oil Production 1859 to 2050*, by Rob Bracken, Dave Menninger, Michael Poremba, and Richard Katz				
No map labels this crate; Map labels in Add'l Elements crate	III.3	*Impact of Air Travel on Global Spread of Infectious Diseases*, by Vittoria Colizza, Alessandro Vespignani, and Elisha F. Hardy				
	III.4	*[./logicaland] Participative Global Simulation*, by Michael Aschauer, Maia Gusberti, Nik Thoenen, and Sepp Deinhofer				
	III.5	*Science & Technology Outlook: 2005-2055*, by Marina Gorbis, Jean Hagan, Alex Soojung-Kim Pang, and David Pescovitz				
	III.6	*113 Years of* Physical Review, by Bruce W. Herr II, Russell J. Duhon, Elisha F. Hardy, Shashikant Penumarthy, and Katy Börner				
	III.7	*Mapping the Universe: Space, Time, and Discovery!*, by Chaomei Chen, Jian Zhang, Lisa Kershner, Michael S. Vogeley, J. Richard Gott III, and Mario Juric				
	III.8	*Science-Related Wikipedian Activity*, by Bruce W. Herr II, Todd M. Holloway, Elisha F. Hardy, Kevin W. Boyack, and Katy Börner				
	III.9	*Maps of Science: Forecasting Large Trends in Science*, by Richard Klavans and Kevin W. Boyack				
	III.10	*Hypothetical Model of the Evolution and Structure of Science*, by Daniel Zeller				
		3rd Iteration Compare and Contrast Panel 14" x 20"				
		Introductory Panel 29" x 52" (two pieces)				
		Number of hanging cleats? 0				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 3 of 12		4th Iteration: Science Maps for Economic Decision Makers (2008)				
Black corner	IV.1	*Europe Raw Cotton Imports in 1858, 1864 and 1865*, by Charles Joseph Minard				
	IV.2	*Shrinking of Our Planet*, by R. Buckminster Fuller and John McHale				
	IV.3	*Tracing of Key Events in the Development of the Video Tape Recorder*, by George Benn and Francis Narin				
	IV.4	*World Finance Corporation, Miami, Florida, ca. 1970-79 (6th Version)*, by Mark Lombardi				
	IV.5	*Examining the Evolution and Distribution of Patent Classifications*, by Daniel O. Kutz, Katy Börner, and Elisha F. Hardy				
	IV.6	*Ecological Footprint*, by Danny Dorling, Mark E. J. Newman, Graham Allsopp, Anna Barford, Ben Wheeler, John Pritchard, and David Dorling				
	IV.7	*The Product Space*, by César A. Hidalgo, Bailey Klinger, Albert-László Barabási, and Ricardo Hausmann				
	IV.8	*4D™. The Structured Visual Approach to Business-Issue Resolution*, by John Caswell, Hazel Tiffany, and Ian Francis				
	IV.9	*The Scientific Roots of Technology*, by Kevin W. Boyack and Richard Klavans				
	IV.10	*A Global Projection of Subjective Well-Being*, by Adrian White & the National Geographic *EarthPulse* Team				
		4th Iteration Compare and Contrast Panel 14" x 20"				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 4 of 12		5th Iteration: Science Maps for Policy Makers (2009)				
Red corner	V.1	*Science and Society in Equilibrium*, by Joseph P. Martino				
	V.2	*Networks of Scientific Communications*, by Georgiy G. Dumenton				
	V.3	*Realigning the Boston Traffic Separation Scheme to Reduce the Risk of Ship Strike to Right and Other Baleen Whales*, by David N. Wiley, Michael A. Thompson, and Richard Merrick				
	V.4	*Mobile Landscapes: Using Location Data from Cell Phones for Urban Analysis*, by Sarah Williams, Carlo Ratti, and Riccardo Maria Pulselli				
	V.5	*Death and Taxes 2009*, by Jess Bachman				
	V.6	*Chemical R&D Powers the U.S. Innovation Engine*, by the Council for Chemical Research				
	V.7	*A Topic Map of NIH Grants 2007*, by Bruce W. Herr II, Gully A.P.C. Burns, David Newman, and Edmund Talley				
	V.8	*A Clickstream Map of Science*, by Johan Bollen, Herbert Van de Sompel, Aric Hagberg, Luís M. A. Bettencourt, Ryan Chute, Marko A. Rodriguez, and Lyudmila Balakireva				
	V.9	*U.S. Vulnerabilities in Science*, by Kevin W. Boyack and Richard Klavans				
	V.10	*The Millennium Development Goals Map*, by the World Bank and National Geographic				
		10 5th Iteration Map Labels				
		5th Iteration Compare and Contrast Panel 14” x 20”				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 5 of 12		6th Iteration: Science Maps for Scholars (2010)				
Green corner	VI.1	*Tree of Life*, by Peer Bork, Francesca Ciccarelli, Chris Creevey, Berend Snel, and Christian von Mering				
	VI.2	*The Human Connectome*, by Patric Hagmann and Olaf Sporns				
	VI.3	*Diseasome: The Human Disease Network*, by Mathieu Bastian and Sébastien Heymann				
	VI.4	*Human Speechome Project*, by George Shaw, Philip James DeCamp, and Deb Roy				
	VI.5	*Mapping the Archive: Prix Ars Electronica*, by Dietmar Offenhuber, Moritz Stefaner, Evelyn Münster, Jaume Nualart, and Gerhard Dirmoser				
	VI.6	*Knowledge Cartography*, by Marco Quaggiotto				
	VI.7	*Literary Empires: Mapping Temporal and Spatial Settings of Victorian Poetry*, by John A. Walsh, Devin Becker, Bradford Demarest, Jonathan Tweedy, Theodora Michaelidou, and Laura Pence				
	VI.8	*The Emergence of Nanoscience & Technology*, by Loet Leydesdorff				
	VI.9	*Weaving the Fabric of Science*, by Richard Klavans and Kevin W. Boyack, SciTech Strategies, Inc.				
	VI.10	*U.S. Job Market: Where are the Academic Jobs?*, by Angela M. Zoss and Katy Börner				
		10 6th Iteration Map Labels				
		6th Iteration Compare and Contrast Panel 14” x 20”				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 6 of 12		7th Iteration:Science Maps as Visual Interfaces to Digital Libraries (2011)				
Yellow corner	VII.1	*Mondothèque. Multimedia Desk in a Global Internet*, by Paul Otlet				
	VII.2	*A Chart Illustrating Some of the Relations between the Branches of Natural Science and Technology*, by H.J.T. Ellingham				
	VII.3	*Visualizing Bible Cross-References*, by Chris Harrison and Christoph Römhild				
	VII.4	*Finding Research Literature on Autism*, by Rex Robison				
	VII.5	*Design vs. Emergence: Visualization of Knowledge Orders*, by Alkim Almila Akdag Salah, Cheng Gao, Krzysztof Suchecki, and Andrea Scharnhorst				
	VII.6	*Map of Scientific Collaborations from 2005-2009*, by Olivier H. Beauchesne				
	VII.7	*The Census of Antique Works of Art and Architecture Known in the Renaissance, 1947-2005*, by Maximilian Schich				
	VII.8	*Seeing Standards: A Visualization of the Metadata Universe*, by Devin Becker and Jenn Riley				
	VII.9	*MACE Classification Taxonomy*, by Moritz Stefaner				
	VII.10	*History of Science Fiction*, by Ward Shelley				
		10 7th Iteration Map Labels				
		7th Iteration Compare and Contrast Panel 14” x 20”				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 7 of 12		8th Iteration: Science Maps for Kids (2012)				
Green corner	VIII.1	*Geologic Time Spiral: A Path to the Past*, by Joseph Graham, William Newman, and John Stacy				
	VIII.2	*Movie Narrative Charts (Comic #657)*, by Randall Munroe				
	VIII.3	*Metropolitan Museum of Art Family Map*, by Masha Turchinsky and John Kerschbaum				
	VIII.4	*Left vs. Right Political Spectrum*, by David McCandless and Stefanie Posavec				
	VIII.5	*Gapminder World Map*, by Ola Rosling and Anna Rosling-Rönnlund				
	VIII.6	*Knowledge Web*, by James Burke, Patrick McKercher, and Michael J. Stamper				
	VIII.7	*Manga Universe*, by Lev Manovich, Jeremy Douglass, and Jay Chow				
	VIII.8	*The Fundamental Interconnectedness of All Things*, by Matthew Richardson, Judith Kamalski, Sarah Huggett, and Andrew Plume				
	VIII.9	*Language Communities of Twitter*, by Eric Fischer				
	VIII.10	*Khan Academy Library Overview*, by Benjamin Wiederkehr and Jérôme Cukier				
		10 8th Iteration Map Labels				
		8th Iteration Compare and Contrast Panel 14” x 20”				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 8 of 12		9th Iteration: Science Maps Showing Trends and Dynamics (2013)				
Red corner	IX.1	*NASA Views Our Perpetually Moving Ocean*, by Dimitris Menemenlis, Horace G. Mitchell, Christopher N. Hill, and Gregory W. Shirah				
	IX.2	*Hurricanes & Tropical Storms—Locations and Intensities since 1851*, by John Nelson				
	IX.3	*State of the Polar Bear*, by Dino Citraro, Kim Rees, Jacob O'Brien, Brett Johnson, Domanique Alicia, and Andrew Winterman				
	IX.4	*Pulse of the Nation*, by Alan Mislove, Sune Lehmann, Yong-Yeol Ahn, Jukka-Pekka Onnela, and James Niels Rosenquist				
	IX.5	*Map of Complexity Science*, by Brian Castellani				
	IX.6	*Visualizing Trends and Dynamics: 30 Years of Scientific Development*, by Nees Jan van Eck, Ludo Waltman, and Ferdy van Gool				
	IX.7	*The Hewlett Foundation Grant Visualizer*, by Dino Citraro, Kim Rees, Jacob O'Brien, Brett Johnson, Andrew Winterman, and Andrew Witherspoon				
	IX.8	*Who Really Matters in the World—Leadership Networks in Different-Language Wikipedias*, by Peter A. Gloor, Keiichi Nemoto, Samuel T. Mills, and David E. Polley				
	IX.9	*Identifying Emerging Topics in Science and Technology*, Kevin W. Boyack, Richard Klavans, and Henry G. Small				
	IX.10	*Science Phylomemy*, by David Chavalarias and Jean-Philippe Cointet				
		10 9th Iteration Map Labels				
		9th Iteration Compare and Contrast Panel 14" x 20"				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	#	Map Title / Item Description	Crushed Corners	Edges Peeling	Other	Description of Damages
Crate 9 of 12		10th Iteration: Frontiers of Science Mapping (2014)				
Black corner	X.1	*Being a Map of Physics*, by Bernard H. Porter				
	X.2	*Map of the Internet* , by Martin Vargic				
	X.3	*PREDICT HealthMap*, by John Brownstein, Damien Joly, William Karesh, Peter Daszak, Nathan Wolfe, Tracey Goldstein, Susan Aman, Clark Freifeld, Sumiko Mekaru, Tammie O'Rourke, Stephen Morse, Christine Kreuder Johnson, Jonna Mazet and the PREDICT Consortium				
	X.4	*ORBIS*, by Elijah Meeks and Walter Scheidel				
	X.5	*Money*, by Randall Monroe				
	X.6	*The Linguistic Context of Citations*, by Marc Bertin, Iana Atanassova, Vincent Lariviere, and Yves Gingras				
	X.7	*Visual Funding Portfolios*, by Mortiz Stefaner, Mario Diwersy, and Christian Herzog				
	X.8	*Mapping Graphene Science and Development*, by Luciano Kay, Alan L. Porter, Ismael Rafols, Nils Newman, and Jan L. Youtie				
	X.9	*Exploring the Relationships between a Map of Altruism and a Map of Science*, by Richard Klavans and Kevin W. Boyack				
	X.10	*Interstitial Organizations as Bridges*, by Walter W. Powell, Achim Oberg, and Valeska P. Korff				
		10 10th Iteration Map Labels				
		10th Iteration Compare and Contrast Panel 14" x 20"				
		Number of hanging cleats? 10				

Condition Report and Crate Inventory

Crate #/Info	Map Title / Item Description	Notes	Dam-aged?	Description of Damages
Crate 10 of 12	Additional Elements			
	Plexi clue sheets (for use with *Hands-on Science Maps for Kids*) - 2			
	Guest book	These items are in a fleece pouch.		
	Display copy of *Atlas of Science*			
	Display copy of *Atlas of Knowledge*			
	Display copy of *Visual Insights*			
	Hands-on Science Map for Kids			
	Hands-on World Map for Kids			
	Exhibit DVD			
	Humanexus DVD			
	Map labels for iterations 1-3 and all additional elements			
	Number of hanging cleats? 53			

Condition Report and Crate Inventory

Crate #/Info	Map Title / Item Description	Notes	Damaged?	Description of Damages
Crate 11 of 12	*WorldProcessor* Globes			
Green footlocker	*Foreign US Patent Holders (WorldProcessor #294-5*, blue), with tripod stand			
	Patterns of Patents & Zones of Invention (WorldProcessor #286-4, white), with tripod stand			
	Shape of Science - Science Universe (WorldProcessor #348-6, black), with tripod stand			
	3 silver-colored globe brackets			
	3 each - water bottles, clips, and screw hook attachments			

Crate #/Info	Map Title / Item Description	Notes	Damaged?	Description of Damages
Crate 12 of 12	Macroscope Kiosk			
Black case with aluminum trim	Elo 46" screen			
	Stand with shelf			
	Alienware computer			
	2 hex keys, 6 screws for base + monitor installation			
	Headphones, keyboard, mouse, and Kensington lock			

Please email the completed report to Lisel Record at recorde@indiana.edu, or mail to:

Lisel Record
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