ASTRO EDU

peer-reviewed astronomy education activities

Edward Gomez
Las Cumbres Observatory Global Telescope Network
LCOGT

build an antenna to listen to jupiter

Web Images Maps Shopping More Search tools

About 4,040,000 results (0.31 seconds)

Radio **Jupiter** Central - Decametric Noise Storms
www.radiosky.com/rjcentral.html
Okay, it is possible to **hear Jupiter** from 15 to 38 MHz, but what are the **...** You will probably settle on one or two frequencies and **build** the best **antenna** you can **...**

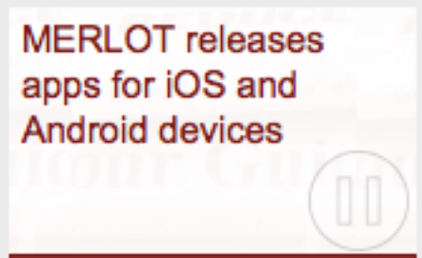
Antennas for Hearing **Jupiter** - Radio-Sky Publishing
www.radiosky.com/jupant1.html
With this **antenna** you will be able to **hear** some of **Jupiter's** louder bursts. Dipoles are good antennas for beginners because they are so easy to **make** and erect.

Universe Cafe: **Listen to Jupiter**
thilinaheenatigala.blogspot.com/2008/11/**listen-to-jupiter**.html
Nov 11, 2008 - You can receive **Jupiter** using relatively simple equipment or you can **construct** complex spectrograph receivers and **build** monstrous **antenna** arrays to capture its more subtle **...** Now, point the **antenna** at **Jupiter** and **listen**.

[PDF] Simple radio telescope **for listening** to Sun/**Jupiter** - The Crystal **...**
crystal.xxn.org.uk/wiki/lib/exe/fetch.php?media=brazil:radio...pdf
references '**Build** a 21 MHz **Jupiter Antenna**' by David Rosenthal in Sky and **...** commonly thought to be the best band **for listening** as it is well above the.

[PDF] **Listening to Jupiter's** Radio Storms - Reeve
www.reeve.com/Documents/RadioScience/**Jupiter**%20Complete.pdf
listening enthusiasts and amateur radio operators can **...** to **listen** and how to recognise **Jupiter's** signals. **.....** This **antenna** is easy to **build** from locally available **...**

MERLOT is a free and open peer reviewed collection of online teaching and learning materials and faculty-developed services contributed and used by an international education community.



SURVEY

Jorum

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Welcome

Jorum is the place where you will find **free open educational resources** (OER) shared and created under CC licenses by those who teach in or create content for the **further and higher education** communities in the UK.

Funded by Jisc, we are the UK's largest OER repository, and our collections grow daily.

Select **Find Resources** to get started.

Latest News

User Survey iPad winner!

Congratulations to our lucky recipient **Anna Collins** from the **University of East Anglia**. Your iPad will be winging its way to you shortly.

Thanks again to everyone for completing our first Annual User Survey. There will be a blog post shortly highlighting some of the key results and what these mean for the Jorum service in the near future.

Love using OERs? Earn a reward!

Last chance to win £75 Amazon vouchers if you can recommend 3-5 resources that have made a difference to your teaching. See our LOVE OER pages to find out more. **Offer closes 31st May 2014**.

Featured Resources

Developing and organising your argument

This resource outlines a five-step technique to help identify what your main arguments are, and to organise into a coherent structure.

May 2014

Learning to share

Find

Find and use thousands of free learning and teaching resources from a wide variety of subject areas, including a number of subject specific collections.

What will you discover today?

Share

Share your learning and teaching resources with the Jorum community and beyond. All resources shared via Jorum can be accessed worldwide, raising the profile of your project, organization, university or college. And we'll take care of your content for you.

Discuss OER

Keep in touch via our Blog, News, or regular E-Bulletin. Or why not take a look at our User Stories. If you would like to recommend resources from Jorum, you could earn £75 Amazon vouchers. Simply submit your choices in our LOVE OER campaign.

UTAS Open Educational Resources

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PASSWORD

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Please log in to access project areas and view resources.

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THE UNIVERSITY OF WESTERN AUSTRALIA

Powered by Desire2Learn

Existing repositories:

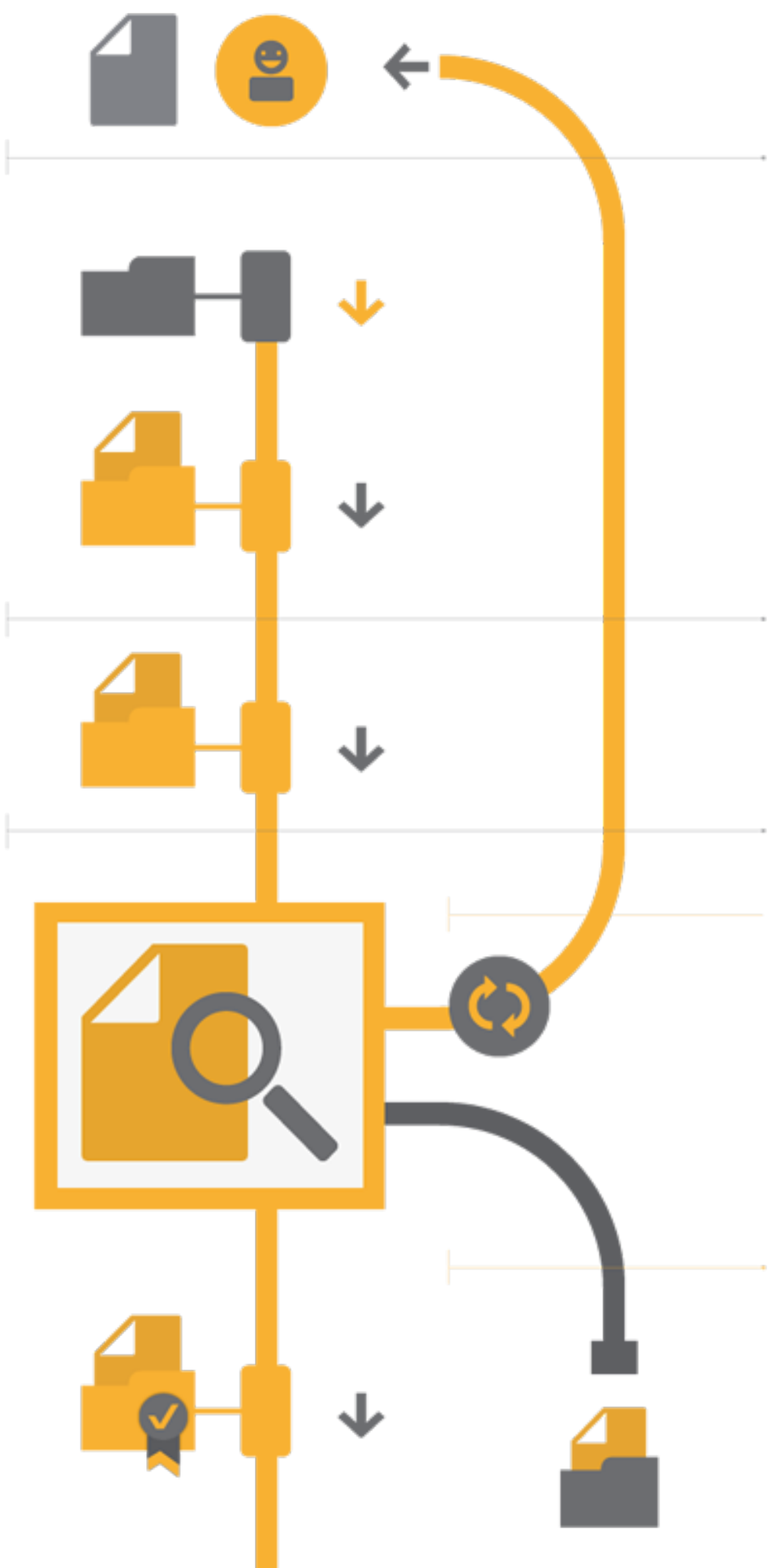
- require login,
- are cluttered,
- are hard to navigate/find resources,
- have content with highly variable quality,
- have limited content review,
- are restricted in languages,
- are not maintained/updated.

What is astroEDU ?

astroEDU makes the best astronomy activities accessible to educators around the world.

astroEDU is a peer-reviewed open-access platform of astronomy educational activities.

astroEDU is a platform for educators to discover, review, distribute, improve, and remix educational astronomy activities.



1 Activity Submitted

2 Activity sent to be reviewed

3 Activity report written

3.1 Activity needs work

3.2 Activity rejected

4 Activity accepted!

4.1 Language support

4.2 Editorial board vetting

5 Published

Community Feedback

Classroom Test

ASTROEDU community

astroEDU is run by volunteers

ASTRO EDU Editorial

PEER-REVIEWED ASTRONOMY EDUCATION ACTIVITIES

Find Education Activities

Search

FEATURED ACTIVITIES

Meet Our Neighbours: Sun

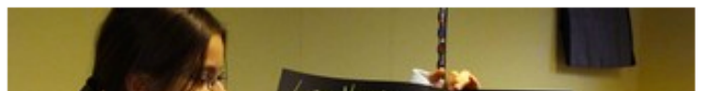
DATE: 2013-11-27
BY: Lina Canas, Núcleo Interativo de Astronomia

Counting Sunspots

DATE: 2013-10-15
BY: João Fernandes, Universidade de Coimbra

Design Your Alien

DATE: 2013-09-27
BY: Sarah Roberts, UNAWE



Meet Our Neighbours: Sun

Explore the tactile version of our star; the Sun with household materials.

Lina Canas, Núcleo Interativo de Astronomia

Brief Description

Converting the visual to tactile experience, this activity let visually impaired students to learn and explore about our star, Sun, and its main characteristics.

Goals

To explore our star, the Sun, through a tactile hands-on experience for visually impaired children and their non-visually impaired peers.

Learning Objectives

KEYWORDS
Sun, Tactile, Solar prominence, Sunspots

AGE
6 - 12

LEVEL
Primary School, Middle School

TIME
1h

GROUP
Group

SUPERVISED
Supervised

COST
Low (< ~5 EUR)

LOCATION

ASTRO EDU Ownership

ASTROEDU

Current status

- 15 activities published since Oct 2013
- Each activity has been reviewed 1 astronomer & 1 educator
- 12+ additional activities undergoing peer-review
- All activities now have DOI
- Syndicating to OER, TES and Scientix
- IAU provided 6 months funding for assistant editor
- 2 x training sessions planned (during 2014)
- Reviewed by IOP Physics World

ASTRO EDU Goals 2014-15

- Publish 5 activities per month,
- Improve the platform through classroom testing and external review,
- Extend the platform to other languages,
- Extend the activity level to tertiary education
- Explore new and innovative ways to revise, review, evaluate and assess the quality of educational activities,

ASTROEDU Localisation

- Established web-structure and design
- Advice on setting up localised astroEDU
- Must meet same editorial and publishing criteria as international version
- Stamp of approval from board and IAU.

ASTROEDU Localisation

The localised astroEDU platforms follow the same structure and peer-review framework as the international version (in English).

- Official endorsement
- Editorial Board

  (at least 5 members, from astronomy and education communities, if possible representing the language area)
- Editor-in-Chief

  (and statement of commitment from host organisation)
- Concrete publication goals

  (at least 1 activity per month either original or translated from another astroEDU)
- Follow the astroEDU publication/peer review guidelines
- Approved by astroEDU Editorial Board and IAU OAD

ASTROEDU How can you help?

- Volunteer reviewers
- Volunteer activities
- Promote astroEDU in community
- Sustainability
- Italian astroEDU?

ASTROEDU

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