

EU - UNAWE



“Building on the International Year of Astronomy:
Making young children aware of the Universe”

FP7 – SPACE – 2010 – 1 (coord & support action)

6 partners (Univ Leida, Univ. Heidelberg, Univ. Catalunya,
INAF Arcetri, SAAO South Africa, Armagh Obs.)

Total budget 1.9 M€ (3 anni)

Arcetri ~230 K€

Staff - 1FTE per due anni

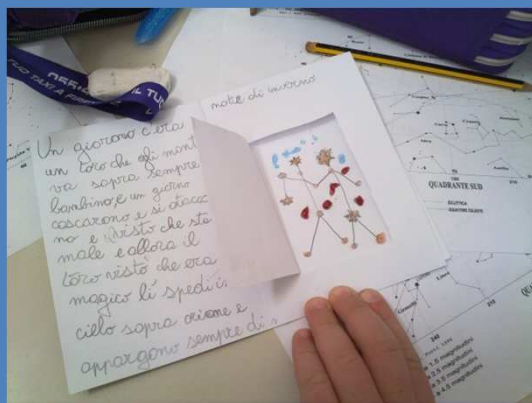
Lara Albanese, Alessandra Zanazzi (NPMs); Filippo Mannucci (NC)



Cosa facciamo



- ✓ Formazione docenti
(75 durante il primo anno, 100 nel secondo),
- ✓ Attività con bambini da 4 a 10 anni
- ✓ Produzione e verifica di materiali didattici,
- ✓ Valutazione e documentazione; valorizzazione



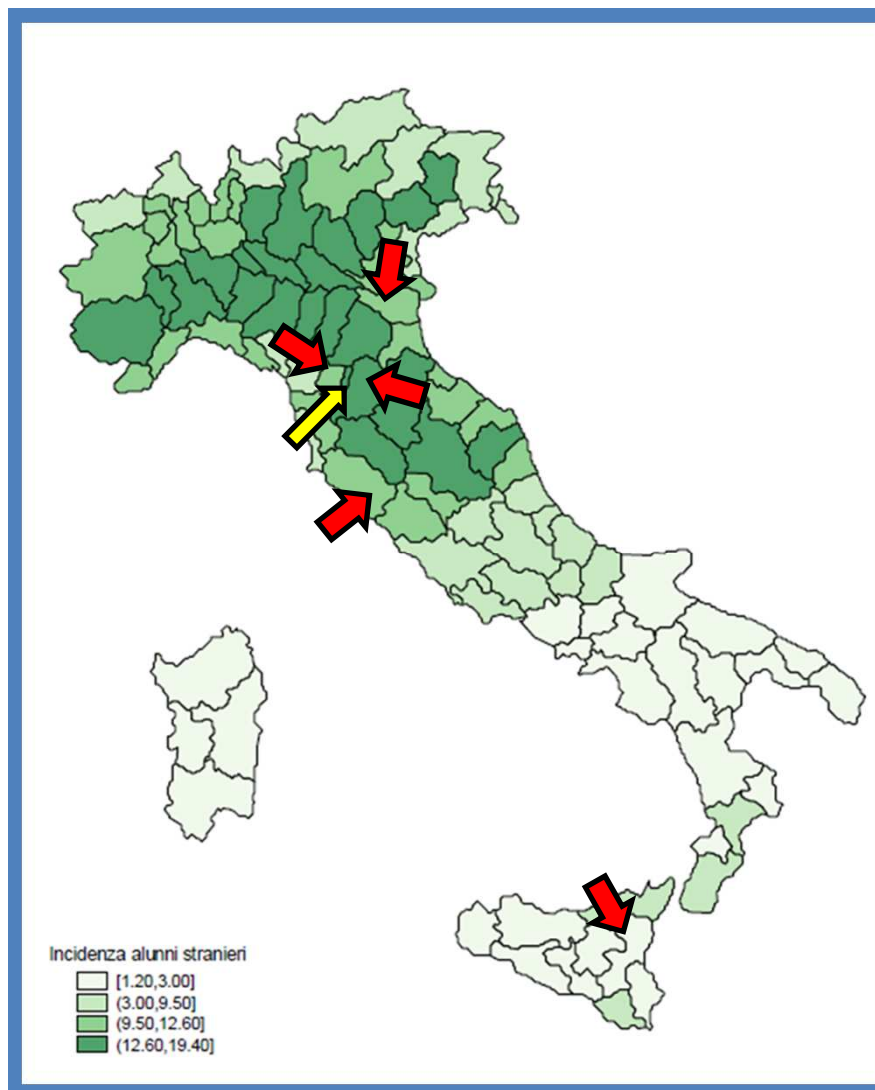
Come?



- Andiamo nelle scuole (da 3 a 6 volte nel corso dell'anno)
 - Discussione con insegnanti
 - Metodologie interattive, attività pratiche
 - Uso ed esplorazione di diversi linguaggi (planetario, teatro d'ombra, lavagna luminosa, storie, laboratori,), perché ognuno ha il suo linguaggio preferito e la varietà di linguaggi aiuta i bambini a capire il mondo che li circonda.



Scuole già contattate



Firenze
Ferrara
Nomadelfia (GR)
Zafferana Etnea
(Pistoia)



Where		number of Teachers	Number of Children DIRECTLY involved	Activities with children and teachers (hours)	Design and evaluation with teachers (hours)
Florence		25	250	72 3 volte x 2 ore x 12classi	6
Ferrara	done	20	50	6	6
	To be done			6	15
	total	20	50	12 3 volte x 2 ore x 2 classi	21
Zaffera na Etnea	done	20	200	20	22
	To be done			48	30
	total	20	200	68 3volte x 2ore x 8classi + planetario	52
Grosseto		15	50	32	6
TOTAL		80+	550+	152 +	85 +

Pubblicazione risorse sul sito www.unawe.org

- Schede per nuove attività didattiche e sperimentali
- Traduzione di quelle esistenti
- Video e documentazione
- Kit per teatro d'ombra (sagome + sceneggiatura)
- La valigia dell'astronomo
- **Il Kamishibai astronomico**





Disseminazione



- www.unawe.org specialmente parte italiana (in progress)
- Communicating Astronomy with the public
- Public Communication of Science and Technology
- ...
- International UNAWE conference
- Scambio Armagh (e anche Sud Africa?)











Universe Awareness Student Ambassador Programme

Universe Awareness (UNAW) uses the beauty and grandeur of the Universe to encourage young children (between 4 and 10 years old), particularly those from an underprivileged background, to develop an interest in science and technology. The programme also aims to use the cultural aspects of astronomy to foster a child's sense of global citizenship from the earliest age. UNAW is endorsed by UNESCO and the International Astronomical Union (IAU) and it is now an integral part of the IAU Strategic Plan 2010–2020, which is called *Astronomy for the Developing World*. To help UNAW to achieve its goals, we are now recruiting UNAW Student Ambassadors.

Who?

UNAW Student Ambassadors can be either BSc, MSc or PhD students of astronomy, space science, physics, mathematics, social sciences or another relevant topic for the UNAW programme. The Student Ambassadors will be recruited and coordinated by the UNAW International Office, which is based in Leiden University, in collaboration with the UNAW national programmes.

Benefits to the UNAW Student Ambassador

Being a UNAW Student Ambassador is an opportunity to inspire the next generation of scientists and to help make a difference in disadvantaged communities. Furthermore, by joining the UNAW Student Ambassador programme, you will be participating in a world-renowned programme and will gain valuable insight into planning astronomy outreach and education activities.

What is expected of the UNAW Student Ambassadors?

The most important qualities that are needed in a UNAW student ambassador are enthusiasm and passion for astronomy. Having strong social skills is desirable, but this is something that the student will also develop as they carry out their UNAW activities.

All Student Ambassadors are required to participate in *at least* one UNAW activity every 6 months. Within a week following each event, he/she must provide a short report (about 300 words) about the activity, as well as a few (high resolution) photos from the event.