LIVING WITH THE SUN
Educational program at school

Pierre CESARINI – GM
Ass. SECURITE SOLAIRE (Sun safety)
World Health Organisation collaborating centre

PART I - Effects on health
Risks and benefits

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• Targeting 3-13 years olds
• A scientific investigation
• Interdisciplinary
  (Science, language, math, geography…)

Educational content in 4 parts…

PART I - Effects on health
Origins & sensitivity of skin colors
PART II - Sun and UV

Experiments

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PART II - Sun and UV

The shadow rule

The traps of UV radiation

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PART III - Sun protection

Testing

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PART II - Sun and UV

Figure:

- UV exposure: 10 m
- UV index: 10
- UV level: 3

The shadow rule:

1. Compare the effect of light on the change in shadow length.
2. Compare the light on the surface, absorbance, and rate of change.
3. Calculate the ratio of UV absorption on the surface.
4. Compare the light on the eggs, absorbance, and rate of change.
5. Compare the light on the surface, absorbance, and rate of change.

Word Health Organisation collaborating centre
PART IV - Sun prevention
posters, games, shows…

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**Key elements for a wide diffusion**
- Teacher’s guide + sheet of “UV paper”
- Given for free on subscription
- Conceived to help teachers to achieve their educational goals
- **Easy to use**
  - Only casual material is required,
  - Lessons very precisely described…
- Teachers are autonomous
- Preferable but not necessary to train the teachers

**Dedicated website and online database**
- Present the context
- The whole modules of activities
- Additional resource
- Register, localise the participants
- Rate participation, opinions…
- Reports, news, testimonies …

**Facts & figures**
- **40 000 teachers beneficiaries** of the guide since 2006
- **Around 1 million actives pupils** since 2006
  - more than one pupil of two in some regions
- Duration of classroom activities: 7 h +
- **Impact**+ on knowledge, attitudes and behaviors
- Very good spread to parents and other children
- **Cost efficiency**: less than € 1.5 per pupil
- International developments & partnerships
Thank you for your attention!

Association Sécurité Solaire
p.cesarini@soleil.info
www.livingwiththesun.info