



Climate Action and Light Pollution Threat

Clic-Poli

Designing an
educational activity for your class:
the CliC - PoliT
templates & approach

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Template outline



- ▶ Title & Duration
- ▶ Target group(grade), Description & Learning objectives
- Ideas to support school & out of school activities
- Green Competences Linked
- ▶ Educational approach & Links to school curricula
- ► Equipment, materials & tools
- ► Tasks & Timeline

Template metadata



CliC – PoLiT Lesson Plan template

Module title (i.e. Light Pollution & Energy Efficiency or Light Pollution & Biodiversity)

Module line (i.e. Light Foliotion & Linergy Efficiency of Light Foliotion & blockversity)		
Topic title (i.e. Monitoring impact on urban species)		
Lesson Plan title (i.e. Green parks hunters)		
Duration	i.e. 45 minutes or 2 school hours (45 + 45 minutes)	
Short Description of the Lesson	Students will learn about	
Learning Goals	This activity will help students to: i, ii, iii, v,	
Green Competences Linked	Linkages to the <u>Green Comp. Framework</u>	
Target Group	9 – 12 or 12 – 15 years old (3 – 9 grades)	
Educational Approach	i.e. Inquiry – based, Project – based, Experiential learning etc.	
Link to School Curricula	i.e. Science, Math, Environment, Geography	
Facility/ Equipment & Tools/ Materials	i.e. Classroom, internet access, printables, presentation	
Main Tasks		

Template metadata (2)



Different topics per module covering all aspects of Light Pollution.

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Template metadata (3)



Simple to complex activities, experiments, inside and outside of school activities.

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Template metadata (3)



Competence-based activities related to the green & sustainability skills per age group.

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GreenComp



GreenComp: The European sustainability competence framework by JRC

12 competences organised into the four areas below:

- Embodying sustainability values, including the competences
- valuing sustainability
- supporting fairness
- promoting nature
- Embracing complexity in sustainability, including the competences
- systems thinking
- critical thinking
- problem framing
- Envisioning sustainable futures, including the competences
- futures literacy
- adaptability
- exploratory thinking
- Acting for sustainability, including the competences
- political agency
- collective action
- individual initiative





Template metadata (4)



Educational approaches to be used, STEAM activities, materials and equipment needed

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Main Tasks		

Template metadata (5)



Educational approaches to be used, STEAM activities, materials and equipment needed

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Main Tasks

10 minutes

15 minutes

10 minutes

25 minutes

Task 1: Introduction to light pollution



1.1 Start the lesson with the following video

Task 2: Understanding light pollution



2.1 Provide your students with sticky-notes and ask them to provide answers

Task 3: Light pollution monitoring and mapping



3.1 Using online tools to identify light pollution from space

Task 4: Discuss with the students



4.1 Create a poster presenting the light pollution levels in...





Thank you!

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