

LESSON PLAN

NAME OF THE TEACHER	
CLASS	12th
SUBJECT	Knowledge Traditions and Practices Of India
UNIT / CHAPTER	2 – Architecture: A survey
DATE	FROM: TO:
NO. OF PERIODS	
CONTENT	<ul style="list-style-type: none"> • Introduction – Vastu shastra. • Texts pertaining to Vastu shastra. • Temple architecture – temple styles – Nagara, Dravida and Vesara, Vaastu purusha mandala, Rock cut structures, Monolithic structures, Constructed temples – Temples from different parts of the country, Jain and Sikh temples. • Public and private architecture – Constructions from Harappan and Mohen jo daro sites. Town planning and drainage system in Dholavira and Lothal sites.
LEARNING OBJECTIVES <i>(Objectives should enhance knowledge (knowing), emotions (feelings) and actions (doing) using Blooms Taxonomy)</i>	<p>Students will be able to,</p> <ol style="list-style-type: none"> Restate the definition of Vaastu in their own words. List the ancient texts pertaining to Vaastu. Give examples and classify the different styles of temples in India out of their own experience. Sketch the vastu purusha mandala and try to compare with their own house sketch. Compare the architectural styles of ancient and modern town planning techniques.
ACTIVITIES	<p>Activity 1: Can we measure like our ancients? Instruction - Students measure the area of their house and the individual rooms with inch tape and also with their body parts like palm length or foot length in collaboration with their family members and arrange one room according to the science of Vaastu Purusha mandala.</p> <p>Activity 2: Tour to the ancient temples. Instruction – A webinar can be arranged with experts talking about temple architecture of ancient India.</p> <p>Activity 3: Learn from an architect herself.</p>

	<p>Instruction – Students watch this video on principles of architecture by Dr. Shashikala https://www.youtube.com/watch?v=9_UiJOkwFog and submit their report in groups.</p>			
<p>PRIOR KNOWLEDGE / PRE-REQUISITES</p>	<ul style="list-style-type: none"> ▪ Basic knowledge of geometry. ▪ Observation of different constructed structures. 			
<p>21ST CENTURY SKILLS</p>	<p>Communication</p> <ul style="list-style-type: none"> ✓ Students after watching the videos, recollect and list down important points. ✓ They also clarify their doubts which may occur to them and express their ideas on it to their family members. 	<p>Collaboration</p> <ul style="list-style-type: none"> ✓ Students discuss on the styles of temple architecture and come to conclusion on importance of the existence of temples. ✓ Students measure the area of their house and the individual rooms with inch tape and also with their body parts like palm length or foot length in collaboration with their family members and arrange one room according to the science of Vaastu Purusha mandala. 	<p>Critical Thinking</p> <ul style="list-style-type: none"> ✓ Should the wealth of temples like Tirupathi and Tiruvananthapuram be managed by government bodies or by devotees of the temple? – A discussion based on current topic. ✓ Are religious places meant for conspiring against other religion or for helping an individual in spiritual pursuit? 	<p>Creativity</p> <ul style="list-style-type: none"> ✓ Students make a write-up on scientific reasons of why one should visit temples. ✓ Students make a drawing of Vaastu Purusha Mandala of their house and mark different corners in it.

<p>CVP LINKAGE <i>(Integrate one or more aspect of CVP & explain how these aspects will be brought out)</i></p>	<ul style="list-style-type: none"> ❖ Physical Development: Physical self-expression while measuring the dimension of their house. ❖ Mental Development: Building an emotional connect with Vaastu Purusha considering him as an individual. ❖ Intellectual Development: Training the mind to understand space and structures in it. Comparison and classification while studying different styles of temples. Analysis of different styles of North and South Indian temples. ❖ Spiritual Development: Clear understanding of difference between Spirituality and religion – Religious places should help an individual to progress Spiritually and not to be used as a place to conspire against other religion and community. ❖ Indian Culture: Temples are not mere places of worship alone, but an institution in itself for over all development and spiritual evolution of an individual. ❖ Patriotism: Civic consciousness, responsibility and accountability in maintaining our temples and heritage sites. ❖ Universal Outlook: purpose of temples is to bring divine oneness and Divinity in humanity.
<p>INTERDISCIPLINARY CONNECTION <i>(Explain the connection to other discipline / subjects)</i></p>	<ul style="list-style-type: none"> ○ Geometry. ○ Physics. ○ Environmental science.
<p>RESOURCES <i>(Specify the resources used: Website, video links, and books etc.)</i> <i>(Upload files containing the details of the activities, if any)</i></p>	<p>Different videos were shown on,</p> <ol style="list-style-type: none"> 1. Principles of Vaastu shastra by great scholars. https://www.youtube.com/watch?v=9_UJJOkwFog (Dr Shashikala architect – IIT Gandhinagar) https://www.youtube.com/watch?v=3JOPCvvYYAw (Ganapathy Sthapathy interview in Tamil) 2. Temple architecture. https://www.culturalindia.net/indian-architecture/ancient-architecture/temple-architecture.html https://www.drishtiiias.com/to-the-points/paper1/temple-architecture https://shodhganga.inflibnet.ac.in/bitstream/10603/187259/12/12_chapter%201.pdf

3. Indus valley civilisation videos on town planning and drainage system.

<https://www.harappa.com/har/indus-saraswati.html>

<p>REFLECTION <i>(On completion of lesson, mention whether learning objectives were met, time allocated was sufficient, method and resources used were appropriate or requires modifications)</i></p>	<p>WHAT WORKED WELL?</p>
	<p>WHAT DIDN'T WORK WELL?</p>
	<p>NOTES / CHANGES / SUGGESTIONS</p>

