



LECTURE ONE
INTRODUCTION
and OVERVIEW

THE BEACH
CONEY ISLAND
WORKSHEET
TEAM TIME

SITE PLANNING
•AT THE BEACH
•DEFINIED
•STEPS
•PRINCIPALS
•DIG DEEPER

DESIGN
ITERATION

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THE BEACH - WHAT COMES TO MIND?



- <http://www.youtube.com/user/okanokumo?v=HNzbwpTK1Yk>

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THE WORKSHEETS

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Team
Member(s) _____

Trip to the Beach: Case Study

Jenna grew up in Singapore where the climate is warm all year round. When she was 9 years old she made her first trip to the colder climate of the northeastern United States to visit her cousin Emily's family for the new year. Although Jenna had seen snow on TV she had never had an opportunity to experience it in person. When she arrived she learned from her cousin that they had been experiencing an unusually mild winter with little or no snow fall but the forecast called for dropping temperatures and snowfall overnight. Jenna was so excited by the prospect of getting to see real snow for the first time she had a hard time sleeping and stayed up late to watch as the snow begin to fall. In the morning while her cousin put on a warm coat and waterproof gloves, Jenna in her enthusiasm quickly got dressed and ran outside to play. With no direct experience in a cold climate Jenna did not know how cold snow was to the touch and how much colder it was when the wind was blowing. Fortunately for Jenna her cousin ran after her with a arm coat and gloves, before she could suffer the ill effects of frostbite.

What did Jenna not understand about living in a cold climate?

The following year her cousin Emily who had never travelled very far from home met Jenna in New York City to visit her grandmother and together they planned a trip to Coney Island and the beach. As this was to be Emily's first visit to a beach it reminded Jenna of her first experience with snow and they both laughed about how naive she had been and they promised each other they would properly prepare for Emily's first trip to the beach.

To help Emily plan her first trip to the beach what suggestions would you make?

Case Study - Trip to the Beach Q & A - Team Worksheet.docx Page 1 of 4
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Work as a team to answer the following questions to help Emily & Jenna plan a safe and successful trip to Coney Island and the beach... Be prepared to present your teams answers and reasoning to the class.

Trip to the Beach? - Q & A

1. What activities should they plan for on their trip to the beach?

2. What should they pack for the trip? ... to support specific activities?

3. Who is might accompany Jenna and Emily on the trip?

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New York City College of Technology **Site Planning - Trip to the Beach**

Team Member(s) _____

4. How will they travel from the Beach? Assume they are staying in Manhattan.

5. What time of day might they arrive?
How might this affect the answers to questions 1-4?


6. Where do you think they should sit on the beach & why?

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Make use of the internet maps or use the reference aerial photos provided to familiarize yourself with the site and to help frame your answers.



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TEAM WORK – CREATE YOUR PRESENTATION



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INVENTORY & RESEARCH

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WHAT ACTIVITIES WILL WE ENGAGE IN?

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WHAT DO WE BRING WITH US?

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WHO'S COMING WITH US?

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HOW MIGHT WE TRAVEL?

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WHEN WILL WE ARRIVE?

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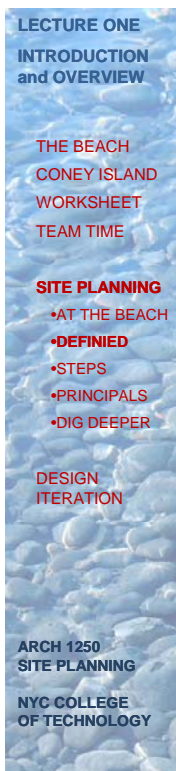
WHERE WILL WE SIT AT THE BEACH & WHY?

New York



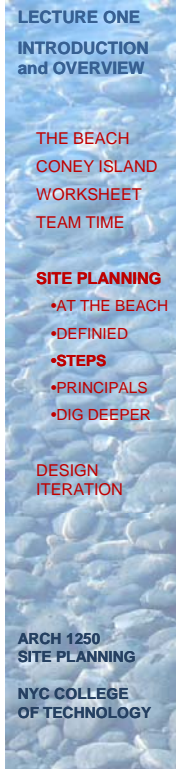
HOW DID WE SITE PLAN AT THE BEACH?

- How is the choice of where to sit at the beach similar to the process of finding the best location for a building?
- How did we alter our environment at the beach to accommodate our desired use?
- Who provided the program?
- Who is the client?



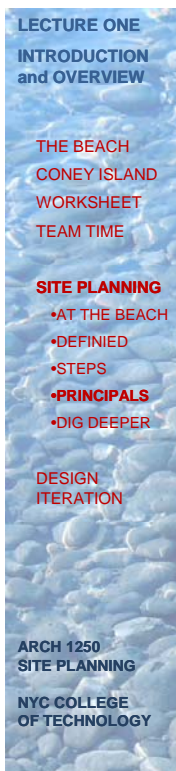
WHAT IS SITE PLANNING?

- Understanding the site requirements of a desired use
- Understanding the best use for a given site
- Alteration of the site to accommodate the desired use
- Environmental Sensitivity to the long term positive and negative impact of our actions.



WHAT ARE THE STEPS OF SITE PLANNING?

- **Site Inventory**
 - Gathering information through site observations & list what is there?
 - Do not make assumptions as to the importance of observations
- **Site Analysis**
 - Requires a defined “program” or “use” to determine the “value” of Site Assets and Liabilities
- **Site Design**
 - Design solutions developed to accommodate a specific use while making the most of Site Assets and Minimizing the impact of Site Liabilities.



WHAT ARE THE PRINCIPALS OF SITE PLANNING?

for every **SITE**
there is an **IDEAL USE**

for every **USE**
there is an **IDEAL SITE**

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AS A DESIGNER WE NEED TO DIG DEEPER !



we need to think beyond our own viewpoint and consider how others will make use of the site

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THE ITERATIVE PROCESS OF DESIGN



- **Iteration** means the act of repeating a process usually with the aim of approaching a desired goal or target or result. Each repetition of the process is also called an "iteration," and the results of one iteration are used as the starting point for the next iteration.