



## ROCKLAND PLUS

### **Rockland P.L.U.S. 2015 Learning Objectives**

*Overall: PLUS 2015 focuses on developing sustainable communities that integrate Mass Transit with a look and feel that fits both Rockland and your local community. We will begin with a look at developing a Transit Oriented Development (TOD) in your neighborhoods and then with other schools consider mass transit on the 287-Tappan Zee Bridge corridor.*

***First Class Visit – An introduction to Rockland PLUS, Community Enhancing Features, Smart Growth and Transit-Oriented Development – will need projector & link to website***

#### **First Class Visit Objectives:**

- Students will identify and discuss the social, economic, environmental/health desires and needs of individuals in a community at different ages of their life.
- Working collaboratively, students will discuss, weigh and select community services and design features that are central to sustainable community development.
- Students will identify key features of Transit-Oriented Development (TOD) and explain their role in the development of a healthy, robust, sustainable community for all ages and stages –
- Students will view a street map of their current community transit hub to familiarize them with the directions for a site visit and completing a site and community assessment.

#### **Before Our Second Visit: Community Assessment:**

- Review community assessment worksheet before visiting local transit 'hub'
- Students will visit site outside of school instructional time and complete page 1 (strengths and weaknesses) on assessment form. Using camera or smartphone photograph four images that capture the items requested on the assessment form. Send images to [rocklandplus@gmail.com](mailto:rocklandplus@gmail.com) identified in the following way: school, last name, photo # per the item # on the form. Nanuet student 'Lee' would for example on item #1 which asks "how it feels to be waiting in this station" would tag image as 'Nanuet\_Lee\_1.jpg'

***Second Class Visit – Complete Community Assessment in teams, Review Sample TOD HUB Site & Green & Blue Features, Begin to plan site selecting Community Enhancing, Green Features & Blue Features for your TOD Hub - will need projector & link to website***

#### **Second Class Visit Objectives**

- Review sample of images collected by the students
- Students will evaluate the strengths and needs of their local community based on their and peers' completed community assessment
- Students will identify, evaluate and select specific community features for a community in order to address a balance of social, economic and environmental needs.
- Students will identify and select a variety of green building tools for water and energy saving and green infrastructure features and a variety of blue features for sustainability.

***Before Our Third Visit: Developing a Plan/Poster Presentation:***

- *Students will review their card selections and draft maps and using information from their classwork consider additional green infrastructure and other sustainable planning options.*
- *Students will review the prior year's posters on the PLUS website and discuss layout and division of labor for the development of their own*

**Third Class Visit Objectives**

- Students will sketch out their poster presentation to include the 3 spheres of how to S.E.E. a community through Social, Environmental, Economic considerations
  - Location and notation of what currently exists at the site/a map overview;
  - Highlights of features of the revamped site;
  - Environment- LEED/green features;
  - Social & Economic -Community building features;
  - Social & Economic - Stakeholders to be included in the team;
  - Site plan/design (photo of classroom drawing).

***Before the Symposium: Final Preparation for Symposium:***

- Students will complete their poster presentations
- Students will prepare a set of notes with key ideas to help them with their presentation

***At the Symposium***

- *Students present to professionals and collect feedback on their project designs*
- *Students will work collaboratively in teams with peers from other schools and professionals/mentors to apply their planning knowledge to developing a preliminary T.O.D. plan for Exit 14/Spring Valley Marketplace*
- *Students present new plan to a full audience of PLUS participants*