Tapping Our Inner Futurist
Designing a 21st Century Roadmap for Education & Community Engagement

**Foresight 101:**
Key Tools & Drivers of Change →

**Horizon Scanning for change using S.T.E.E.P. Categories:**
- Social
- Technology
- Environment
- Economy
- Politics

<table>
<thead>
<tr>
<th>Trends</th>
<th>Plausible Future</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Forecasts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Events</th>
<th>Possible Futures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Scenarios</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Choices</th>
<th>Preferred Futures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Visions</td>
</tr>
</tbody>
</table>

Building a Culture of Lifelong Learning

- **Concepts & Strategies:**
  - Outputs to Outcomes; Summative (*High Stakes*) Testing vs Formative Assessment
  - Experience Design and a Re-framing of the Data-Analytics Value Chain:
    - Moving from Descriptive to Predictive & Prescriptive
  - Adaptive Learning Platforms (e.g. Knewton; LearnSmart; Amplify)
  - Lifelong Learning Platforms: (e.g. TinCan/Experience API; Learning Records Store; CEDS)
- **Companies to Watch:** Skillshare (Instructor culture); Coursera, Udacity & EdX (MOOCs)
- **Projects to Explore:** Mozilla Open Badges; Learning Map/Graph (Danny Hillis);
  Next Generation Learning Challenges; Smarter Balanced; inBloom; SETDA

Notes:
The Rise of Local Indicators

To Explore:

o **Concepts:** Govt2.0; Open Data; Civicware; Civic Hacking; Resilience; Urban Informatics

o **Organizations to Explore:** Sunlight Foundation; Knight Foundation; McKnight Foundation; Kresge Foundation; PopTech (Resilience work); Harvard ASH Center

o **Projects to Explore:** The Social Progress Imperative; The Roadmap Project; San Francisco’s Shared Youth Database; SustainArts.org; Global Open Data Initiative; creative aging

---

Culture Shaping

Describe your vision for the future of education and community engagement in six words (or less);

List three pull factors from your vision that might appeal to your colleagues, key supporters, elected officials and community members. How do we amplify the compelling reasons for change?

List three key barriers to change that we might encounter along the way to the future. Now, describe ways we might think creatively about resistance to overcome these challenges;

Finally, list Next Step ideas for two short term projects you can start on Friday Morning, and two longer term strategic investments that will bear fruit in 2015 and beyond.

---

Explore & Learn More

Follow Garry’s Diigo Social Bookmarks

https://www.diigo.com/user/garrygolden/ - General Tags

o https://www.diigo.com/user/garrygolden/learning - Learning

o https://www.diigo.com/user/garrygolden/local - Local

o https://www.diigo.com/user/garrygolden/artsedu2020 - Arts Education

o Other tags: /place ; /indicators ;/gaming (mechanics); /aging; /youth; /music

Notes: