



Where Learning Meets Life

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DELAWARE



BLUEPRINT

Designing Systems That Work



Prepare young people for long-life learning.



Cultivate high-capacity, forward thinking educators.



Join forces to ensure learners thrive.



Think differently about system leadership.

Same preparation.
Different pathways.





Demand Across Industries

Top 20 job roles in increasing and decreasing demand across industries

Fastest-Declining Jobs

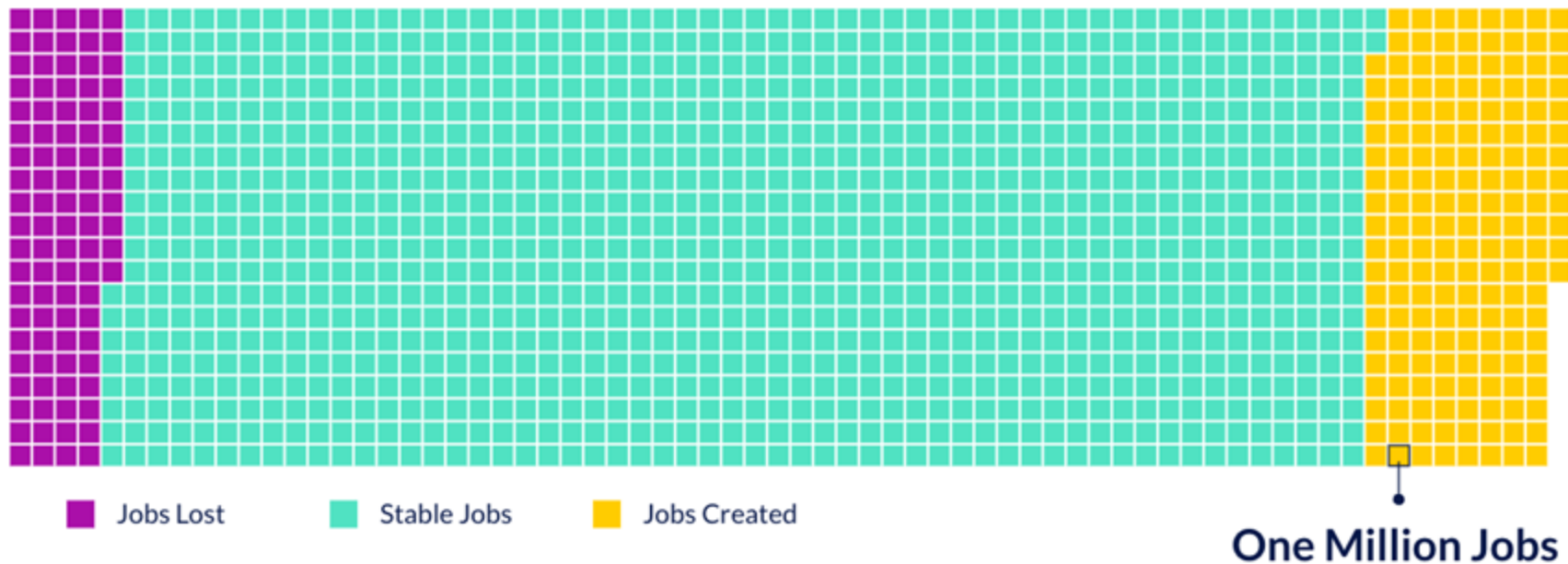
1. Postal Service Clerks
2. Bank Tellers & Related Clerks
3. Data Entry Clerks
4. Cashiers and Ticket Clerks
5. Administrative Assistants & Executive Secretaries
6. Printing & Related Trades Workers
7. Accounting, Bookkeeping, & Payroll Clerks
8. Transportation Attendants & Conductors
9. Door-to-Door Sales Workers & Related Workers
10. Graphic Designers

Fastest-Growing Jobs

1. Big Data Specialists
2. FinTech Engineers
3. AI & Machine Learning Specialists
4. Software & Applications Developers
5. Data Warehousing Specialists
6. Autonomous & Electric Vehicle Specialists
7. UI & UX Designers
8. Light Truck or Delivery Services Drivers
9. Internet of Things Specialists
10. Data Analysts & Scientists

The Changing World of Work

22% Structural Labor Market Churn in the Next Five Years



Current Core Top Skills

Grouped by Category

Cognitive Skills

- **Analytical thinking**
- **Creative thinking**
- Systems thinking
- Multilingualism
- Reading, writing, and math

Self-Efficacy

- **Resilience, flexibility, and agility**
- **Motivation and self-awareness**
- Curiosity and long-life learning
- Dependability and attention to detail

Working with Others

- **Leadership and social influence**
- Empathy and active listening
- Teaching and mentoring

Technology Skills

- Technological literacy
- AI and big data
- Networks and cybersecurity
- Design and user experience
- Programming

Management Skills

- Talent Management
- Resource management and operations
- Quality control

Engagement Skills

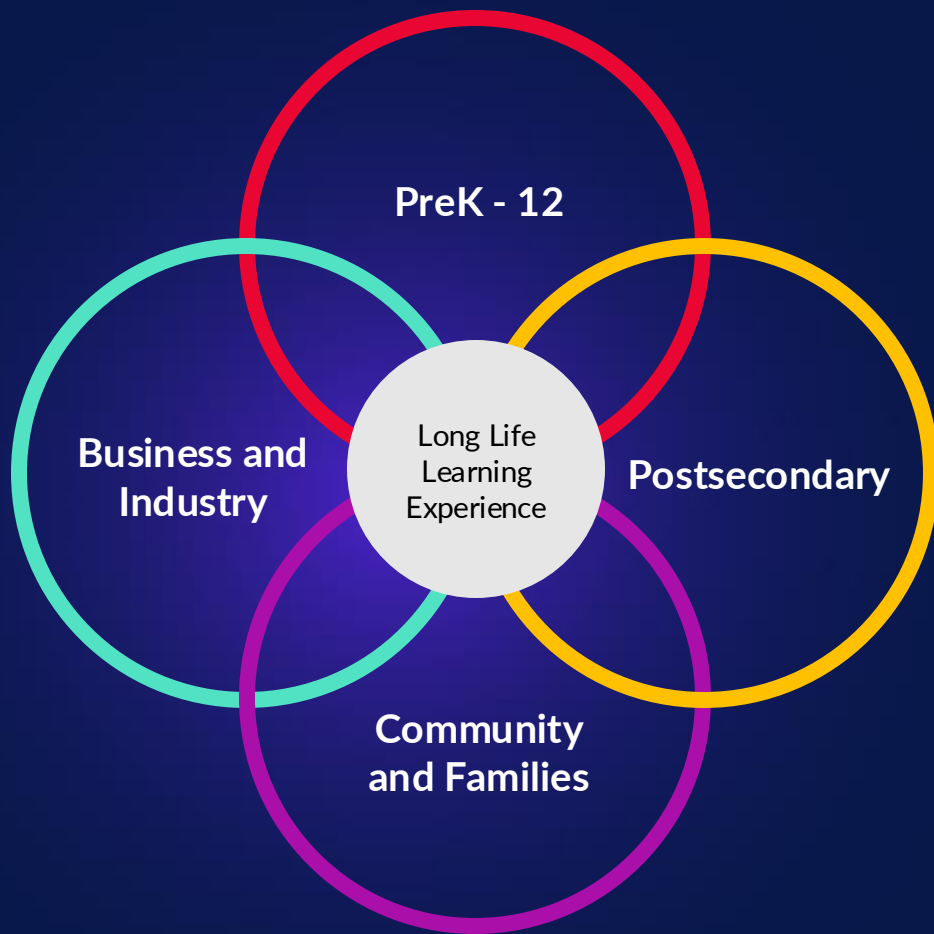
- Service orientation & customer service
- Marketing and media

Ethics

- Environmental stewardship
- Global citizenship

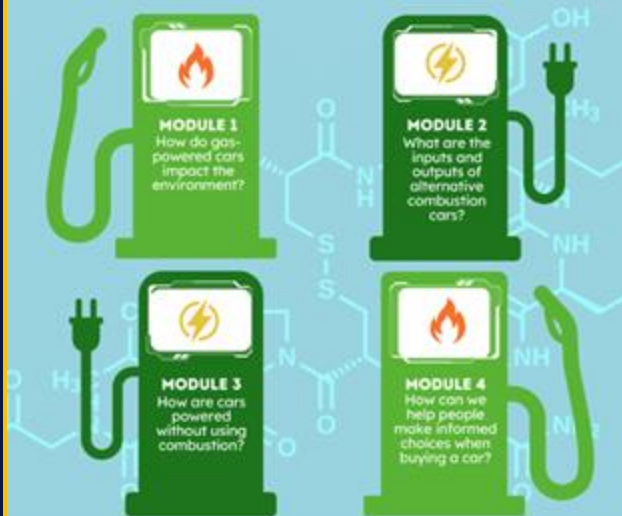
Physical Abilities

- Manual dexterity, endurance & precision
- Sensory-processing abilities



FUELING THE FUTURE

What energy source used by cars is best for the environment?



FINAL PRODUCT:

Students will create an infographic for new car buyers that highlights the energy source they think is best for the environment in their local area. They will explain the relevant chemistry that occurs with the fuel source; how that chemical energy is transferred throughout the car system; and the environmental, economic, and social impacts of the energy source.



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CRASH COURSE IN CAR DESIGN

How can we design a car of the future that balances cost, safety, and performance?



FINAL PRODUCT:

As an automotive design team, students will apply physics and engineering principles to collaboratively design, build, and test a pinewood car that maximizes efficiency, protects an egg from the impact of a crash, and minimizes cost and materials. Groups will market their car at an automotive showcase held by the class for guests from the community.



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1 Think differently about learning goals for future-ready students.



Core Skills

Literacy, numeracy,
and the cognitive
flexibility to apply
them in new contexts



Habits of Learning & Well-Being

Curiosity, persistence,
and reflection as drivers
of continuous growth



Contemporary Skills

Technology fluency,
communication, and
global awareness to
navigate complexity



Community Skills

Collaboration, civic
engagement, and
empathy to contribute
meaningfully to society

1 Think differently about learning goals for future-ready students.

2 Think differently about scaffolding career-connected learning.



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2 Think differently about scaffolding CCL.

3 Think differently about student agency and CCL.



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4 **Think differently about long-life credentialing systems and building pathways to prosperity.**



1 Think differently about learning goals for future-ready students.

2 Think differently about scaffolding CCL.

3 Think differently about student agency and CCL.

4 Think differently about long-life credentialing systems and building pathways to prosperity.

5 Think differently about breaking down silos between education and employment.





DECEMBER 7, 1787



“Bold change is only done
through courageous and connected action.

The U.S. education engine is out of date,
and **we must be our own mechanics.**”



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