
13WAYS

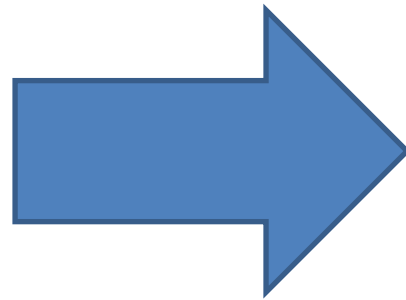
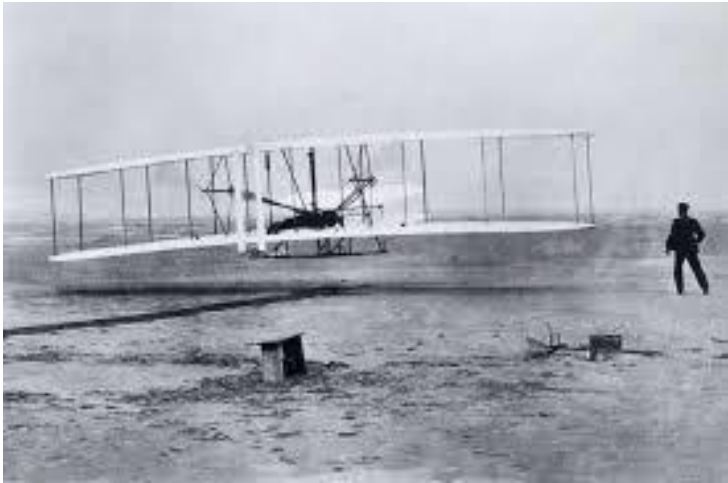
There's Always A Way

**Everything is About to
Change**

www.13ways.ca

Perspective Matters

“Everything that can be invented, has been invented.” Charles H. Duell – Commissioner of US Patent Office, 1899.



The Rate of Change...is Changing



Technological Change

Yesterday and Today

Cell phone
Computer
Vehicle



Autonomous Vehicles

Lidar

\$150,000/vehicle

'12 - \$70,000/vehicle

'13 - \$10,000/vehicle

'14 - \$1,000/vehicle

'16 - \$250/vehicle

'21 - \$90 \$10



8 years – 35%

15 years – 85%

November, 2016 – a robot truck made its first delivery of 50,000 beers!

Oil Sands Mines – hauling sand accident free, and cheaper!

Autonomous Vehicles

Autonomous vehicles:

Electric . . .

High performance battery storage . . .

Solar windows . . .

No driver . . .

No need to park Amortize capital, little operating costs.

Your vehicle: ≈ \$10,000/year AND parked +95% of the time

Garage (or three)

Insurance

Gas

Maintenance and cleaning

Leading cause of non-disease related deaths

The Rate of Change ... is Changing

Moore's Law: the number of transistors in a circuit doubles every 24 months.

Kryder's Law: disk drive density (data storage) doubles every 13 months.

Hendy's Law: digital imaging doubles every 24 months.

Butter's Law: optical fiber transmission capability double every 9 months.

Nielson's Law: home network connection speeds double every 21 months.

Rose's Law: quantum computing capacity doubles ever 12 months.

The Rate of Change ... is Changing

\$1,000 - double every 24 months ...

\$32,000

\$1,024,000

\$32,768,000

Every 12 months ...

\$1,024,000

\$1,046,576,000 (billion!)

\$1,073,741,824,000 (trillion!)



Economic Change

Economic Changes



Economic Changes



~~Price~~

Quality
Selection
Service
Experience
Atmosphere



Economic Changes



Economic Changes



Economic Changes



Economic Development Authority (EDA)
Tax Free Zones (JobZ)
County Rural Development Authority
Revolving Loan Fund

Economic Changes



Economic Changes – Not Just About Economy



Demographic Change

Change: Demographics in the Workforce



Indices Measured

Happiness – aspects of daily life (services)

Housing Affordability

Healthcare

Retirement Taxes

Job Market

Desirability – wanting to live in a particular location (activities)



Semi-Retirees NOT Seniors



Semi-Retirees NOT Seniors





 **Be Inspired!**

			
Sovanna Mann Co-Founder & Executive Producer Greenfish Labs	Crystal Weaver Co-Owner, Blue Line and Future Surveyor Hotel Founder, Passenger Coffee and Prince Street Cafe	Patrick Ambron Co-Founder & CEO BrandYourself	T.J. and Brooke Mousetis Founders VRSly and SUPPLY



Values Change

What They Value



What They Value



What They Value



Societal Changes

Community is Changing . . .



Communities of the Future . . .



Communication Changes

Getting the Message . . .

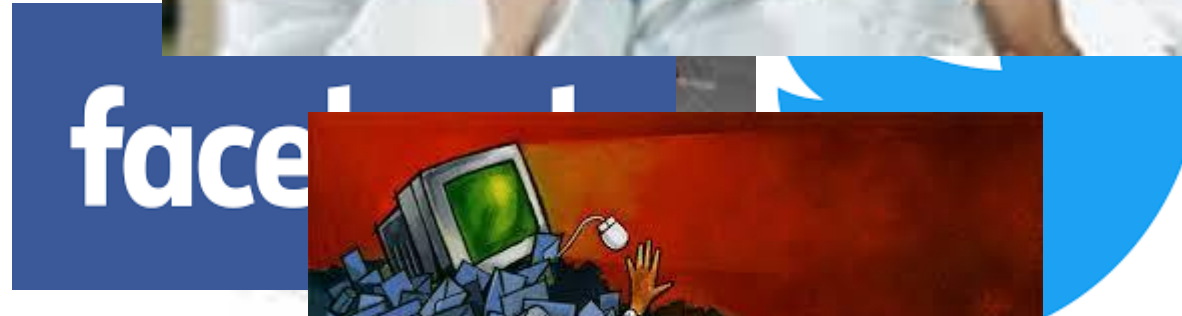
Signs at the Post Office

Advertisements in Newspapers

Fax Machines – '43

Social Media

Email and Voicemail are Out!



Sending the Right Message



Instagram



We Must Be More Responsive



Change is coming . . .

ARE YOU ready?

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There's Always A Way

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