



CTEC CONFERENCE

Agents of Change:

Bonding CTF and CTS

Inspiring, Innovative, Collaborative

November 24-26, 2016

Coast Canmore Hotel and Conference Centre Canmore, Alberta



Career & Technology Education Council (CTEC) Conference

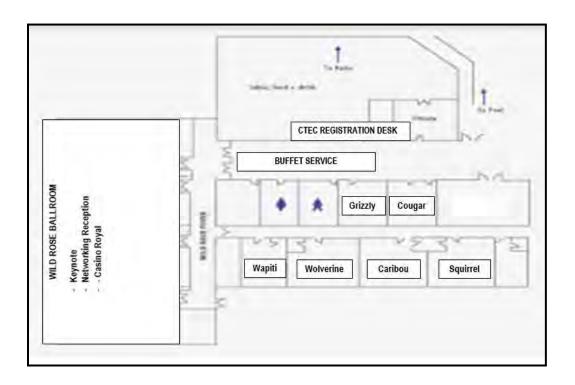
Welcome to the Career and Technology Education Council Conference (CTEC) In Canmore, Alberta at the beautiful Coast Canmore Hotel and Conference Centre!

The CTEC Council has worked with individuals and organizations to provide you with opportunities to learn new skills, gather new information, and attend workshops and information sessions. Learn about new tools, equipment, materials and best practices as you visit with vendors and colleagues. Throughout the conference, we invite you to share successes, collaborate and network with delegates from across Alberta. Our hope is that this conference will provide you with experiences that allow you to reflect, incorporate new ideas, enrich student learning and engagement, and infuse health and safety best practices in your jurisdictions for students who will be transitioning to post-secondary or the world of work in occupations across all sectors of the economy.

We believe that providing CTEC teachers with direct contact to colleagues, business, industry and organization stakeholders will allow individuals to share their knowledge and relevant experiences with their students, to create dynamic, and authentic, learning environments.

As you get ready to head home at the end of the conference, please stop by the Registration desk or talk to one of the CTEC Council members if you are interested (or know someone who might be interested), in being involved in next year's conference! We could never host conferences without our Sponsors, Speaker volunteers, Vendors, Sponsors and volunteers behind the scenes. Thank you to all those individuals involved in making this a successful conference

We hope you enjoy your CTEC Conference! CTEC COUNCIL



LOBBY - CTEC REGISTRATION DESK

The Registration Desk is situated to the left of the main hotel registration desk.

- ✓ Thursday, November 24th Desk Opens 1:00
- ✓ Vendor set-up 1:00 4:00

KEYNOTE SPEAKERS:

THURSDAY NIGHT CONFERENCE KICK-OFF KEYNOTE 6:00-7:00

MIKE REZANSOFF - Southern Manager, Building Trades of Alberta



Construction Skills & Recruitment: Choices for Today and Tomorrow Learn about how students are choosing to gain credits learning construction from real world trades professionals without the necessity of finding an employer first.

Bio: Mike is the Southern Manager of the Building Trades of Alberta. He works to support and promote the interests of the BTA members in areas of business development and government, owner/client, public, educational, and community relations. He represents the BTA on the board of directors of a number of organizations - Alberta Construction Safety Association, Manufacturers Health & Safety Association, Job Safety Skills Society, and The Educational Partnership Foundation. He also serves on the communications committee of the Coalition for a Safer Highway 63/881 and participates in the work of a number of construction industry committees and working groups.

THURSDAY NIGHT KICK-OFF 7:00-10:00

NETWORKING RECEPTION – to follow

Visit the Wild Rose Ballroom for a casual and informative evening of networking with colleagues and vendors. At the reception, enjoy a complimentary drink and appetizers as you socialize connecting and reconnecting.

FRIDAY BREAKFAST AGM 8:00-9:00



CTEC COUNCIL - ANNUAL GENERAL MEETING

FRIDAY LUNCH KEYNOTE 12:00-1:00

SCREAMIN' BROTHERS – I Scream, You Scream, We All Scream for...Dragons' Den; Alberta Business Awards of Distinction 2016 – Winner



Bio: JR Wikkerink is a Grade 12 student at LCI. He belongs to the National Honors Society and is looking forward to pursuing a career in Kinesiology after graduation. JR is the founder of Screamin' Brothers Frozen Desserts, a national food manufacturing company that he runs in partnership with his brother. Dawson.

They are the 2016 recipients of the Alberta Business Award of Distinction. JR is passionate about supporting youth organizations and is able to do so through his business. If you are ever looking to connect with JR, you can either find him speaking at schools and businesses across the Province or lifting weights in the gym!

Dawson Wikkerink is in Grade 11 at LCI. He belongs to the National Honors Society and is looking forward to pursuing a career in Forensics upon graduation. In the meantime, Dawson is a member of Student Council, the Health and Wellness Committee and a representative for the District Student Advisory Group. Dawson is a partner of Screamin' Brothers Frozen Desserts and is able to combine his love of computers and numbers to carry the role of Chief Financial Officer for the business. He is also the head of social media. Dawson belongs to his school's curling team as well as an independent team. His pre-requisite for choosing a University in 2018? "It has to be near a rink"!

Dragons' Den; Nominated for Lethbridge's Top 40 under 40; Alberta Business Award of Distinction (ABAD) Young Entrepreneur Award; Alberta Business Awards of Distinction 2016 – Winner.

JASON HAGEN - FITMetabolism Inc. - How to Go from Doing Right Things to Doing Things Right!

FITMetabolism Inc.

There are numerous instructions about what to do to gain better health, but very few are given appropriate long term guidance with which to carry out those instructions. In this presentation Jason will teach you how to go from doing right things to doing things right. In turn, these strategies you learn in this presentation will also give you the skills to teach your students how to change their own health behavior. A dead battery can't charge a dead battery. Learn how to charge your battery to better charge the people that you influence.

Bio: With a Master of Science in Exercise and Health Physiology degree from the University of Calgary, Jason is highly sought after as a consultant, expert speaker and health coach. With a Master of Science in Exercise and Health Physiology degree from the University of Calgary, Jason is highly sought after as a consultant, expert speaker and health coach. Jason has worked with the Physicians Primary Care Network and led the implementation of an innovative medically supervised weight management pilot project delivered with distance technology. This project in turn was published as The Proposal of a Collaborative Model of Care between Nurses, Physicians and, Community Based Partners for the Treatment of Obesity in the Canadian Journal of Diabetes. Additionally, he has been published in numerous scientific journals including the Journal of Gerontology and Journal of Applied Physiology. Further strengthening his presence in the medical community Jason currently proctor's physicians from the University of Calgary Cumming School of Medicine during their obesity rotation and has examined wellness prescription for the Objective Structured Clinical Evaluation (OSCE) for internal medicine unit to assess the competency of medical students. Jason's vast experience includes over 10,000 hours of coaching experience in the area of behaviour change and weight management.

FRIDAY NIGHT CELEBRATION 8:00-1:00AM

CASINO ROYAL - Get your James Bond '007' Fix at this fun party casino and dance!! - costumes optional (\$25 - Register online or through the registration desk.)



Come and join colleagues to network and share in the "Party Casino" games (using Funny Money) and your favorite 'James Bond' themed evening with great music provided by The Brad Abel Duo; mid-evening Poutine Bar reception included.

(Optional: wear black tie, wear your favorite 'Bond' type apparel or come as your favorite 'James Bond' character)

Prizes will be awarded throughout the evening for costumes, named prize draws, and *Funny Money* exchange (at the end of casino play) with a dance to follow.

Grand Prize – a beautiful diamond provided by Kavia Fine Jewellers, Canmore, AB.

SATURDAY BREAKFAST KEYNOTE 8:00-9:00

Mike Shaw - Director of SafeStart Education & Athletics







"Walking the Thin Line between Risk and Reward"

Bio: Mike Shaw started working in student safety in 2014 after recovering from a traumatic skiing accident in which he dislocated his neck and was temporarily paralyzed from the neck down. He is a UBC graduate with a degree in business administration and has a background in athletics, freestyle skiing and high-performance coaching.

Mike's unique story of triumph embodies human resilience in its purest form and it fuels his passion to help students improve their safety and performance with SafeStart. In his presentation, Mike shows us how it's not the most dangerous things we do or the activities with the most risk that typically get us hurt. The perspective Mike shares on risk and reward will surely enlighten you.

His one-of-a-kind recovery story and a gracious perspective on life allow Mike to connect with audiences and provide them with an unforgettable learning experience.

SATURDAY LUNCH KEYNOTE 11:30-12:30

DEBBIE VANCE, LANA RISSLING, DUAL CREDIT STUDENTS - Dual Credit - Jump Start Your Future



Earn High School Credits and Post-Secondary Credits at the same time while in High School!

Given the complexity of moving through learning systems, students need seamless, personalized pathways as they transition from high school to post-secondary to future employment. Dual credit programming is where high school students participate in apprenticeship training or post-secondary, college or university courses earning both high school and post-secondary credits for the same course.

Student Presentations: Rural, Urban and Indigenous Students share their Dual Credit Experiences

"It has shown my son a whole new world and now he can't wait to go to college.

He knows what he wants to do for the rest of his life."

(Parent of a student receiving dual credit programming.)

Bio: Debbie Vance, Director Dual Credit, College of Alberta School Superintendents and Lana Rissling, Team Lead, Dual Credit and Off Campus will facilitate this student led session. Three students will present their personal dual credit experience and the Secondary Lead and Post-Secondary Partner will be at the session to answer any questions about dual credit programming

SESSION: SHORT SCHEDULE

- last updated NOV. 12

Please contact the Conference Director (<u>conferencedirector@ctscouncil.com</u>) if there are any changes, errors or omissions.

We have attempted to honour all requests where possible.

THURSDAY SESSIONS

SESSION SECTION	SPEAKER	CTS/CTF AREA	SESSION TITLE
BALLROOM	Various	CTF	CTF Essentials Workshop
2:00 - 5:00	various	CIF	- Pre-conference

FRIDAY SESSIONS; A - D

SESSION SECTION	SPEAKER	CTS/CTF AREA	SESSION TITLE
A 9:00 - 9:50	VENDOR - NETWORKING OPPORTUNITY		
A1 & B1 9:00 – 11:30 WOLVERINE	Mark Murray (CDX Learning Canada)	TMT-MEC CTF-Tech	Moodle LMS: Quickstart (100 min.) NOTE: Bring your laptops for help in making changes to your CDX/Alberta Education MEC sites!!
A2 & B2 9:00 – 11:30 CARIBOU	Neil Lindstrom	BIT-CSE	Computer Science 30 Assessment Practices – Learn and Share
A3 & B3 9:00 – 11:30 SQUIRREL	Garth Thompson Alberta Council for Environmental Education	NAT TMT-ELT; MEC; PEN CTF- Hum Serv; Res; Tech	Supporting Student Exploration and Action Around Global Climate Change
A4 COUGAR	Shirley Borrelli	HRH-COS; EST MDC-FAS	Personal Colour Analysis: The 4 Basic Seasons
A5 GRIZZLY	George Taven ADLC	HRH-HSS NAT-ENS	CONNECTIONS – A High School Diversity and Leadership Education Program
A6 WAPITI	Jennifer Janzen Alberta Tomorrow Foundation	NAT CTF	Free Technology for your CTS Natural Resources Cluster - The all NEW and FREE Alberta Tomorrow Citizen Science and Simulation App
A BALLROOM	Dennis Kambeit EZ ROBOTS	CTF	Teaching Robotics for Grades 5 - 9 (Hands-On Session)
A BALLROOM	Gina Troskot	MDC - FAS CTF	Crochet Away NOTE: Supplies: crochet hook, size 6mm or larger and a skein of "Chunky" yarn. Some supplies will be available to purchase at cost or 'borrow' for the session.
A BALLROOM	Heather McCaig ATA	HRH-HSS	Communication Skills are for Everyone - HSS1030
B 10:30 - 11:20	VENDOR - NETWORKING OPPORTUNITY		
B4	Paula Hatton	MDC-FAS CTF	How Green Are Your Jeans?

SESSION SECTION	SPEAKER	CTS/CTF AREA	SESSION TITLE
COUGAR			
B5 GRIZZLY	Debra McLennan Alberta Pulse	HRH-FOD CTF	Let's talk PULSES! Everything you wanted to know about peas, beans, lentils and chickpeas!
B6 WAPITI	Jamie Imeson	HRH-COS; EST	Wigs & Hair Extensions on A Budget
B BALLROOM	Becky Peterson Skills Canada Alberta	CTF	Skills Exploration Days – CTF Exploration Experience
B BALLROOM	Heather McCaig ATA	HRH- HCS	The Apprentice Mad Hatter Style
B BALLROOM	Dennis Kambeit EZ ROBOTS	BIT – CSE; ENT TMT – CON; FAB; PEN	Teaching Robotics for Grades 10 - 12 (Hands-On Session)
C 1:15 - 2:05	VENDOR - NETWORI	KING OPPORTUNITY	
SCHOOL	Susannah Killey	MDC - FAS	PRE-REGISTER
C & D 1:15 – 3:20 Fashion Lab			The Basics of Corsetry NOTE: please contact the Conference Director (conferencedirector@ctscouncil.com) to preregister to ensure a \$15 supply kit is available for purchase. NOTE: As sewing machines are limited, participants may want to bring their own.
SCHOOL C & D 1:15 – 3:20 Foods Lab	Jaclyn Chute Jodie Kachkar Alberta Milk	HRH-FOD CTF	Power Up! Cooking with Milk Products and Eggs
C1 COUGAR	Becky Peterson Skills Canada Alberta	ALL CTS (not NAT) CTF	Skills Canada Alberta – Skills in the Classroom
C2 WOLVERINE	Ryan Emond Don Middleton	ALL-CTS	Unique Pathways Opportunities - Part I
C3 GRIZZLY	Matthew Crawley	MDC-COM; DES TMT-CON CTF	Building Boards: Skateboards, Longboards, Snowboards and Skis NOTE: This is not a hands-on workshop, but time will be provided for questions and discussion.
C4 CARIBOU	Neil Lindstrom	BIT-CSE	Making Apps with App Inventor NOTE: App inventor is designed to make Android Apps only.
C5 & D5 1:15 - 3:20 SQUIRREL	Purnima Lindsay Pat Bohnet (CARC)	CTF	How Can Project Based Learning Support My CTF Challenge? Note: Bring a laptop if possible.
C6 WAPITI	Beth Castle Chelsea Philip Alberta Beef, Eggs and Pork	HRH-COS; EST	Gel Nail Polish – Safer, Faster, Durable NOTE: Some class supplies will be available to purchase at wholesale prices at this session.
C & D BALLROOM 1:15 - 3:20	Philip Scott Seaghda McInnes	BIT MDC CTF	Cross Curricular Projects: How to get more out of your students. Note: Bring a laptop if possible.
C BALLROOM	Sara Rooseboom Safety in Schools	HRH - COS, FOD, HCA; HCS NAT - AGR, FOR, PRS, WLD; TMT	Making Safety a Lifelong Habit
C BOOTH BALLROOM	Gary Frederickson Colleen Sereda ADLC	TMT	Welding Service Rig Simulators
C BALLROOM (MEETING AREA)	Garth Thompson Alberta Council for Environmental Education	NAT CTF-Res; Tech	5 Minute Field Trip NOTE: Outside Activity - Bring your Coat!
D 2:30 - 3:20	VENDOR - NETWORKING OPPORTUNITY		
D1 COUGAR	Andrew Johnson	BIT-ENT; MAM MDC-DES; COM FAS TMT; CTF; GEN	Life, Liberty and the Pursuit of Making!
D2 WOLVERINE	Don Middleton Ryan Emond	ALL-CTS	Unique Pathway Opportunities - Part II
D3 – 4:00 CARIBOU	Mark Murray Dirk Meyer CDX Learning Canada	BIT; HRH; MDC; NAT; TMT; CTF	Moodle LMS: Quickstart
D4 GRIZZLY	Dennis Kambeit EZ ROBOTS	BIT- CSE; ENT HRH-FOD MDC- DES; FAS; NAT- AGR; TMT- LOG CTF- Bus & Tech	Preparing our Students for a Changing Workforce
D6	Warren Ferguson	ALL CTS	Odyssey into CTF: Building Supportive Relationships Through Professional Learning

SESSION SECTION	SPEAKER	CTS/CTF AREA	SESSION TITLE
WAPITI		CTF	
D BALLROOM	Bill Lomax Alberta Education Lana Rissling Advanced Education	ALL CTS CTF	Alberta Education Updates - CTF, CTS, Dual Credit and Off-Campus
D BALLROOM	Pat Bohnet CENTRAL ALBERTA REGIONAL CONSORTIA (CARC)	ALL CTS	

SATURDAY SESSIONS: E-H

SESSION SECTION	SESSION	SPEAKER	CTS/CTF AREA
E 9:00 - 9:50	VENDOR - NETWORKING OPPORTUNITY		
SCHOOL E & F 9:00 – 11:30 Fashion Lab	Beth Ann Caufield, Gina Troskot	MDC-FAS CTF	String Quilting NOTE: Participants, please bring rotary cutter, cutting mat and a good supply of scrap fabric, 10-inch length or larger and white thread spool.
SCHOOL E 9:00 9:50 Construction Lab	Mark Selebay	MDC-Des; COM; FAS TMT- CON; FAB; MEC CTF-Tech	Incorporating 3D Printing into a CTF or CTS program
SCHOOL E 9:00 – 9:50 Foods Lab	Mary Claire Miller	HRH CTF - Human Services	Salsa, Guacamole and Quesadillas!
E1 WOLVERINE	Damian Matheson myBlueprint	ALL CTS CTF	Using Digital Portfolios to Engage Your Students within CTF/CTS
E2 GRIZZLY	David Marcone, CPA Alberta	BIT-ENT; FIN; MAM	Diverse Career Pathways within Business & Accounting for High School Students
E3	David Teasdale	ALL CTS CTF	Using Google Apps for Education in Your Classroom
CARIBOU E4 COUGAR	Gustaaf Wehnes	BIT- CSE	NOTE: BYO Device, Laptop, ChromeBook, Tablet or SmartPhone Implementing a Computer Science Curriculum in CTF or CTS
E5 SQUIRREL	Keith Christensen Scott Blenkhorne	ALL CTS	Maker Education – Making A High School Makerspace and Designing Learning Experiences for Makers
E BALLROOM	Cassy Weber Luc Arvisais Mark Zwicker MindFuel	BIT – ENT CTF	Edacity: Can Innovation be taught?
E BOOTH BALLROOM	Rick Regato Image Creations Inc.	MDC CTF	Sublimation for Fun and Profit
F 10:30 - 11:20	VENDOR - NETWOR	KING OPPORTUNITY	
SCHOOL F 10:30 – 11:20 Foods Lab	Mary Claire Miller	HRH CTF - Hum Serv	Bento Boxes in the CTF Foods Room
SCHOOL F 10:30 - 11:20 Construction Lab	Marko Stefaniw,	TMT-CON	Construction teachers: Festool Kapex miter saw, sliding track saw, & domino jointer - The Why & The How
F1 SQUIRREL	Barbara Schmidt Education Centre in Jasper National Park, Parks Canada	NAT-ENS; WLD CTF-Hum Serv; Res	Engage! Experiential Leaning in Jasper National Park.
F2 CARIBOU	Chloe Thomas	MDC- COM CTF- Comm; Tech GEN- Gathering Evidence; Assessment	Real Time Learning & Assessment with Microsoft Class Notebook
F3 COUGAR	Mitchell Way	BIT; MDC; TMT; CTF	Democratizing and Open Source Learning - The Arduino Movement and Its Role in Open Sourcing CTS
F4 WOLVERINE	Cameron Smith SAFESTART	ALL CTS CTF	Feeling Ten Feet Tall & Bullet Proof - A Student's Perspective

SESSION SECTION	SESSION	SPEAKER	CTS/CTF AREA
F5 GRIZZLY	Raymond Chien Li	TMT- MEC	Making A Wise Vehicle Purchase: 10 Steps to Buying a Quality Used Car or Truck
G 12:30 - 1:20			
G & H BALLROOM 12:30 - 3:00	Various	CTF	CTF Essentials Workshop – 2.0
G1 WOLVERINE	Peggy Townsend	BIT; HRH; NAT; TMT	The Credit Candy Store
G2 CARIBOU	David Teasdale	ALL CTS CTF	Using Google Apps for Classroom Evaluation
G3 SQUIRREL	lan Stewardson ATA	ALL CTS CTF	E-Liability
H 1:30 - 2:20			
H1 CARIBOU	Carmen Wasylynuik	HRH-FOD	Culinary Teachers - Networking & Sharing Session NOTE: Bring any resources you are willing to share, and a laptop or flash drive so you may take some of these with you.
H2 WOLVERINE	CTEC COUNCIL	ALL CTS	Project Templates – Designing and Networking Session NOTE: Bring any resources you are willing to share, and a laptop or flash drive so you may take some of these with you.
BALLROOM	CTEC COUNCIL	TMT	Networking Session
BALLROOM	CTEC COUNCIL	BIT	Networking Session
BALLROOM	CTEC COUNCIL	HRH	Networking Session
BALLROOM	CTEC COUNCIL	MDC	Networking Session
BALLROOM	CTEC COUNCIL	NAT	Networking Session

Thanks so much for coming.

Safe travels home!





CTEC Conference 2016 - Closes - Safe Travels!

Wrap-Up

Session H

1:30-2:20



Safe travels home!

Agents of Change: Bonding CTF and CTS

Inspiring, Innovative, Collaborative

November 24-26, 2016

Coast Canmore Hotel and Conference Centre

@ COAST commore hotel & conference centre:

Coast Canmore Hotel and Conference Centre 511 Bow Valley Trail, Canmore, AB T1W 1N7

(403) 678-3625

SCHEDULE AT A GLANCE

Please wear your CTEC Conference name tag to all events & sessions.

THURSDAY		PLEASE NOTE		
1:00 - Registration Desk Open - Welcome!		Sessions are scheduled for 50 minutes to allow for set-up/break-down and		
1:00 - 4:00	Vendor/Exhibitor Displays - Setup	movement between sessions and activities.		
	CTF Essentials Workshop - Preconference (Ballroom):			
2:00 - 5:00	Registration Open			
	 Integrating CTF into Your School 	Visit the Wildrose Ballroom for a casual and informative evening of networking with colleagues and vendors.		
	Planning Strategies			
	Facilitation Strategies			
	Cross Curricular Projects			
	Grade 5-9 Success Stories			
	Community Involvement Exemplars & Strategies			
	Assessment Exemplars	At the reception, enjoy a complimentary drink and appetizers as		
6:00 - 7:00	CTEC CONFERENCE - KICKOFF - Keynote Speaker	you socialize connecting and reconnecting.		
7:00 - 10:00	Networking Reception	you socialize connecting and reconnecting.		
FRIDAY		CASINO ROYAL GALA - \$25		
	Taranta and and			
7:30 - 4:00 8:00 - 9:00	Registration Desk - Open Breakfast Buffet - Annual General Meeting (AGM)	Get your James Bond '007' Fix		
		at this fun party casino and dance!!		
8:00 - 4:00	Vendor/Exhibitor Displays - Open	Come and join colleagues to network and share in the		
9:00 - 9:50 10:00 -10:30	Session A	"Party Casino" games (using Funny Money) and your		
	Wellness/Coffee Break & Networking Opportunity	favorite 'James Bond' themed evening with great music		
10:30 - 11:20	Session B.	CASINO provided by The Brad Abel Duo; mid-evening Poutine Bar		
12:00 - 1:00	Lunch Buffet - Keynote Speaker (Ballroom)	ROYALE reception included.		
1:15 - 2:05	Session C	(Optional: wear black tie, wear your favorite 'Bond' type apparel or		
2:15 - 2:30	Wellness/Coffee Break & Networking Opportunity	come as your favorite 'James Bond' character)		
2:30 - 3:20	Session D	Prizes will be awarded throughout the evening for costumes, named prize		
4:00	Vendor/Exhibitor Displays - Closed	draws, and Funny Money exchange (at the end of casino play).		
5:30 - 6:30	Dinner Buffet	◆ Grand Prize – a beautiful diamond provided by Kavia Fine Jeweller		
6:00 - 7:00	Keynote Speaker (Ballroom)	Carimore, AB.		
8:00 - 1:00	Casino Royal Gala (Set-Up 7-8:00)	Gardinor V, F.D.		
SATURDAY				
7:30 - 12:00	Registration Desk - Open	74.7400		
8:00 - 9:00	Breakfast Buffet - Keynote Speaker (Ballroom)	Thank you!		
8:00 - 12:00	Vendor/Exhibitor Displays - Open			
9:00 - 9:50	Session E	We could never offer conferences without our Speaker volunteers, Vendors and Sponsors. Please stop by the Registration desk or talk to one of the CTEC Council members		
10:00 -10:30	Wellness/Coffee Break & Networking Opportunity			
10:30 - 11:20	Session F			
11:30 - 12:30	Lunch Buffet - Keynote Speaker (Ballroom)			
12:00	Vendor/Exhibitor Displays - Closed			
12:30 - 1:20	Session G	if you are interested, or know someone,		
	CTF Essentials 2.0 Workshop - Postconference (Ballroom):	who might be interested, in being involved in next year's conference, 2017! We hope you have enjoyed your CTEC Conference. Thanks so much for coming.		
	Cross Curricular Projects			
	Grade 5-9 Success Stories			
12:30-3:00	Assessment Exemplars			
	Planning Strategies			
	Facilitation Strategies			
-		Tracing to mach for conting.		