

Conference Keynote Address



CASTS
Conference
2005

**“Spirit of the East” and
“Two-Eyed Seeing”**

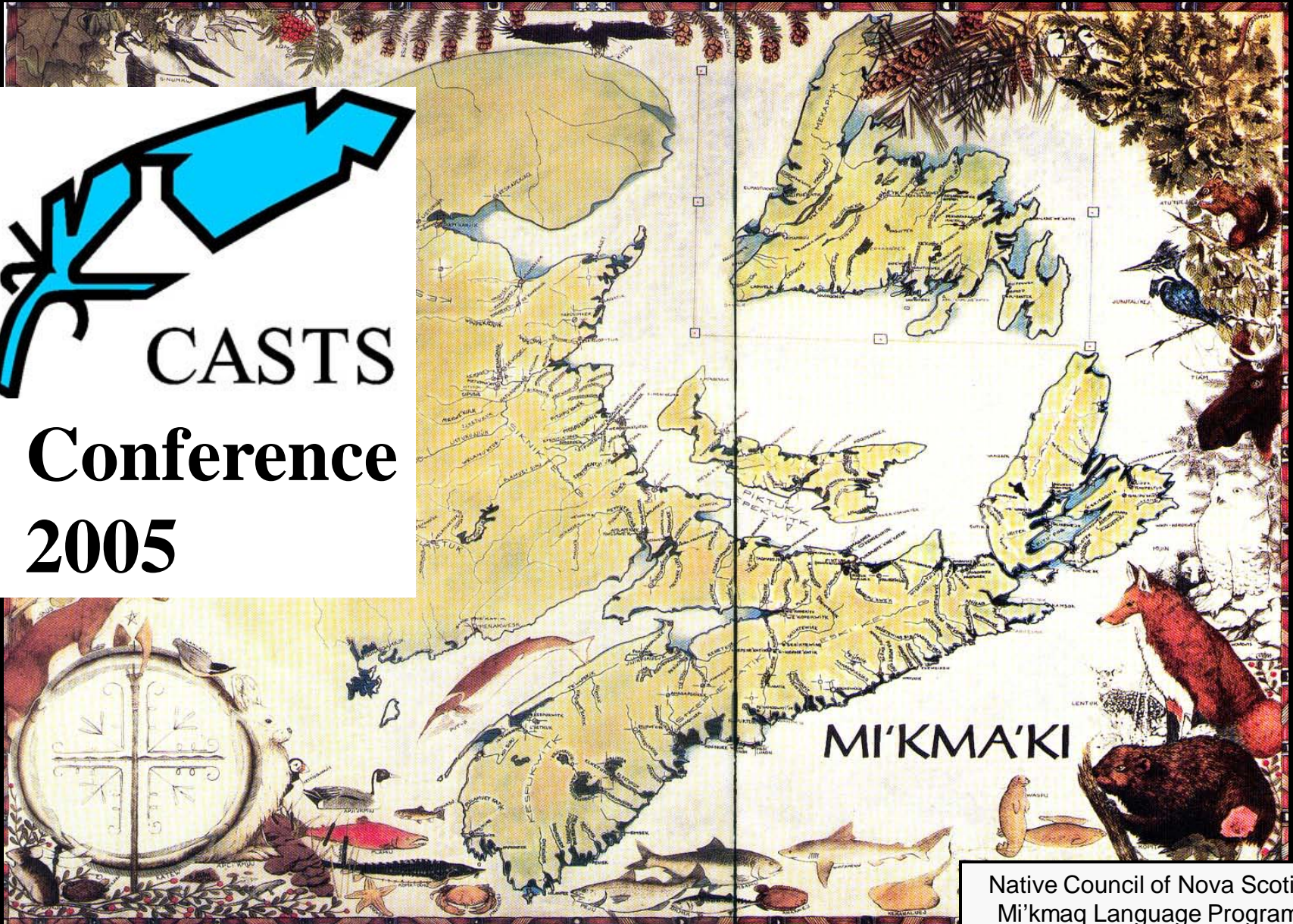
Albert Marshall
Eskasoni First Nation Elder

Cheryl Bartlett
Canada Research Chair
in Integrative Science

Canadian Aboriginal Science and Technology Society Conference
(7th national); Membertou-Sydney, NS, 22-24 September 2005



CASTS Conference 2005



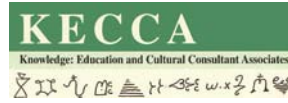
Native Council of Nova Scotia
Mi'kmaq Language Program
Artist: Michael J. Martin

Albert Marshall

Eskasoni First Nation Elder

Cheryl Bartlett

Canada Research Chair in Integrative Science



UNAMA'KI
INSTITUTE OF
NATURAL
RESOURCES



CAPE BRETON UNIVERSITY



Native Council of Nova Scotia
Mi'kmaq Language Program
Artist: Michael J. Martin





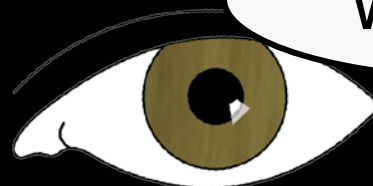
“Two-Eyed Seeing”

Wjipenuk Etek Lnuimlkikno'ti
Spirit of the East

Indigenous



Western



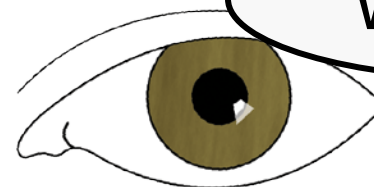
**Albert Marshall, Mi'kmaq Elder
Eskasoni First Nation**

Indigenous



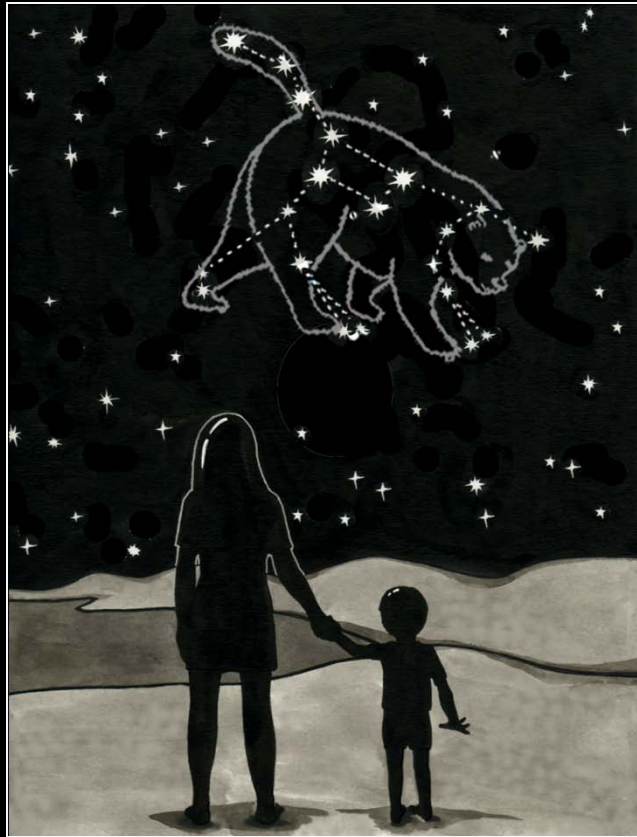
- relationship
- respect
- reverence
- reciprocity
- ritual
- repetition
- responsibility

Western



- hypothesis
(making & testing)
- data collection
- data analysis
- model & theory
construction



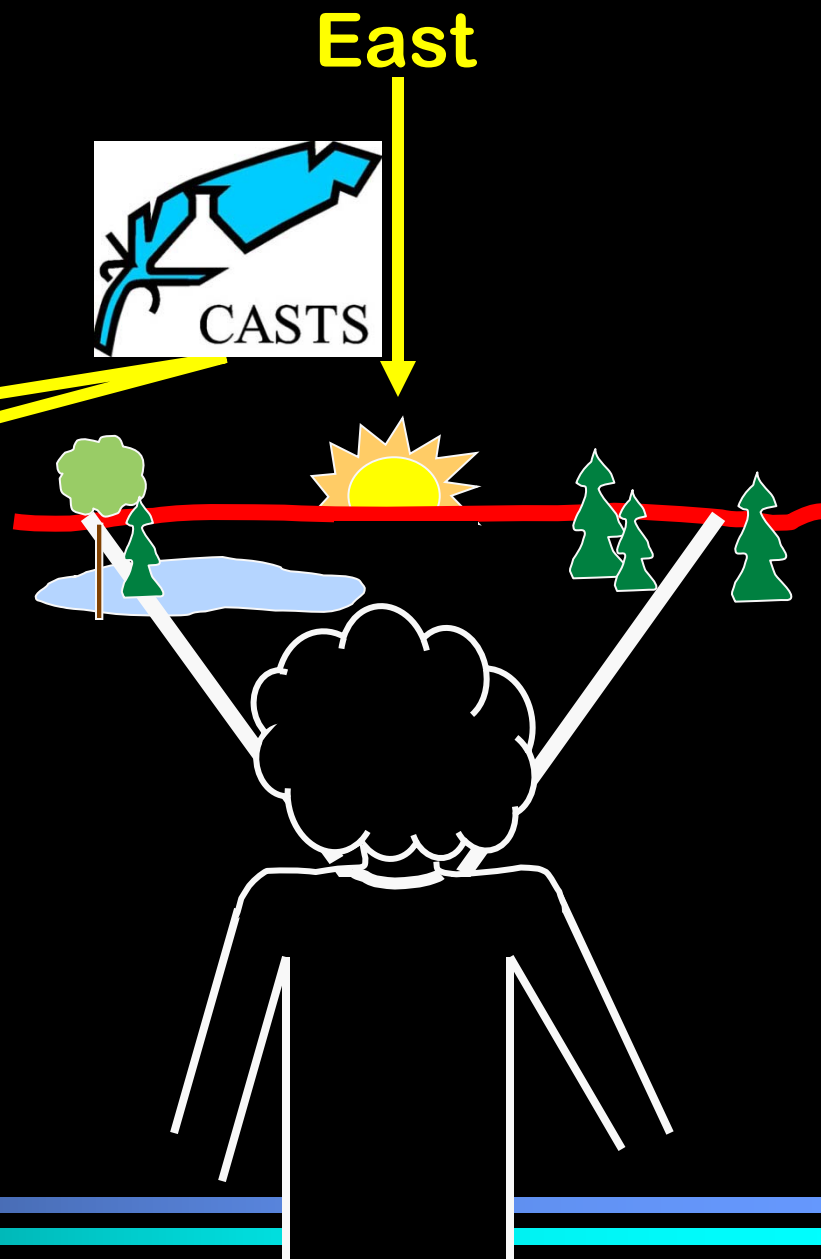




“**Due East**” is where the sun rises on two special days each year:

- **Fall Equinox**
(22 Sept 2005)
- **Spring Equinox.**

On these two days there are equal periods of light and dark.

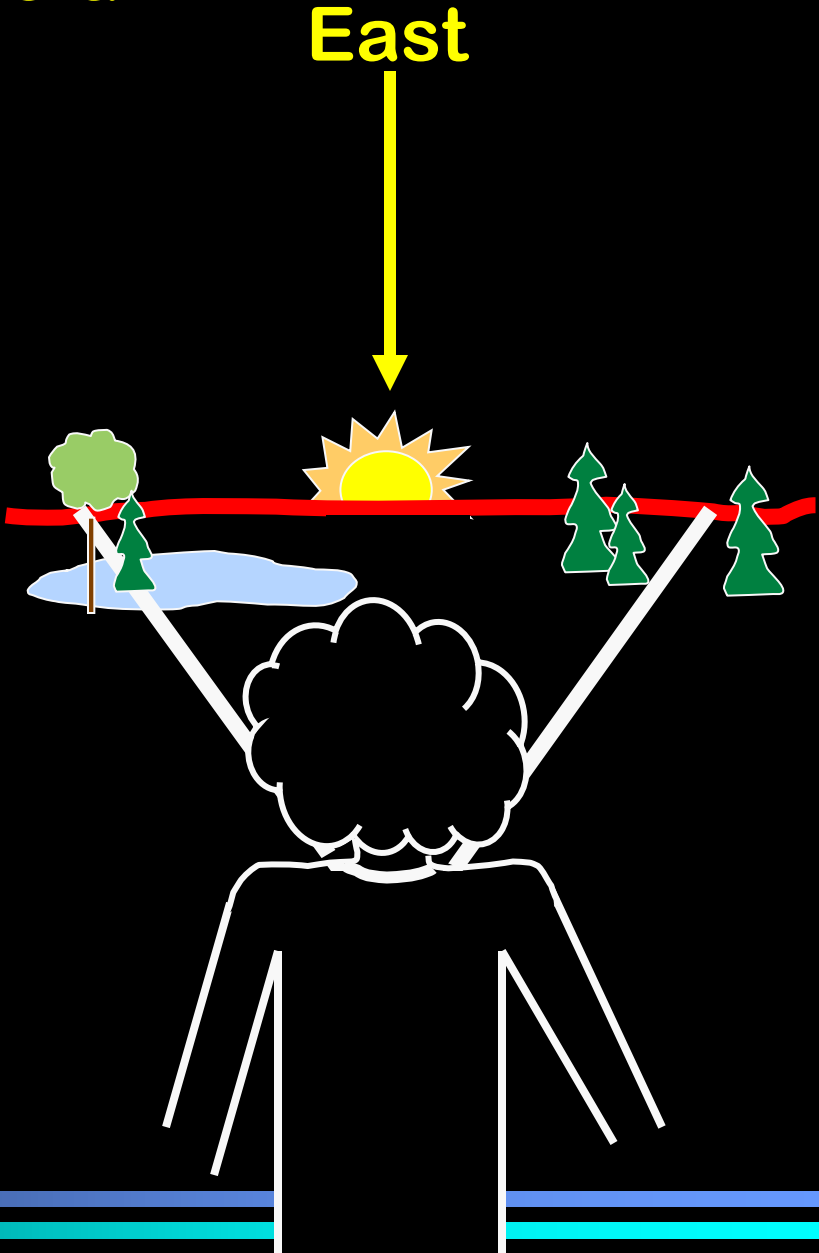


Wjipenuk Etek Lnuimlkikno'ti

Spirit of the East



Artist Basma Kavanagh



Wjipenuk Etek Lnuimlkikno'ti

Spirit of the East



Artist Basma Kavanagh

The East is, through its association with the sunrise, a place of beginnings and enlightenment, and a place where new knowledge can be created or received to bring about harmony or right relations.



Artist Basma Kavanagh

Toqwa'tu'kl Kijitaqnn Integrative Science

Indigenous

Western

our world views

“bringing our stories

together”

our knowledges

Why?

CAPE BRETON
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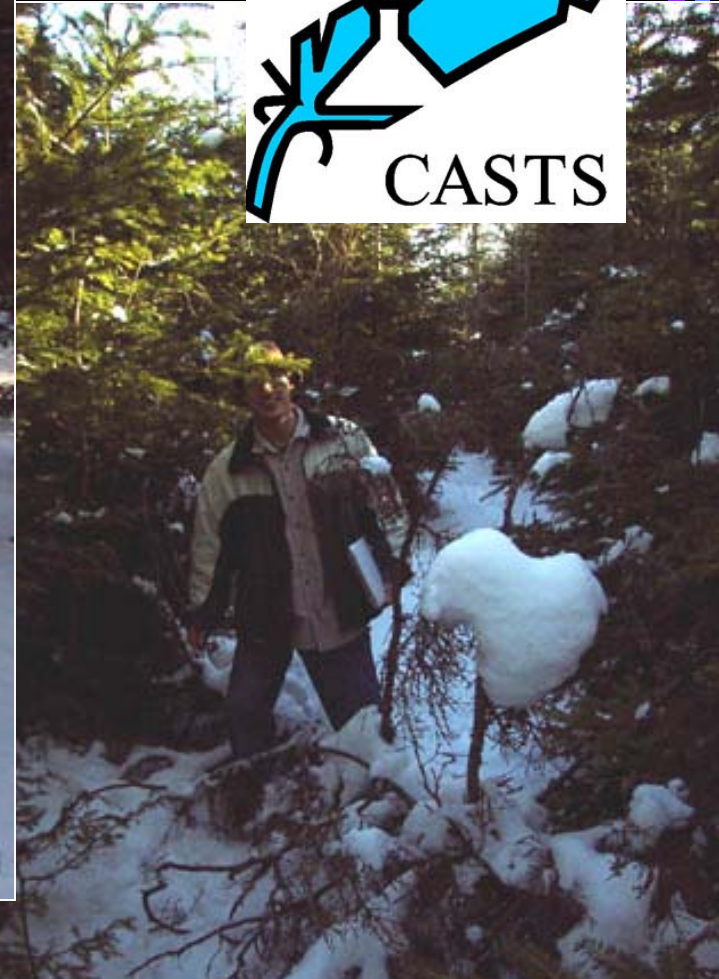
Why?

CAPE BRETON
UNIVERSITY



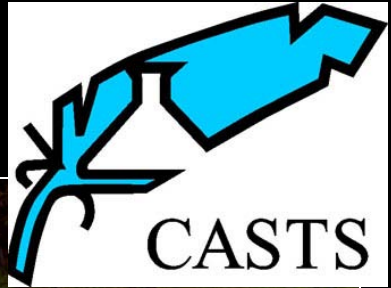
Why?

CAPE BRETON
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Why?

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Why?

Indigenous



from:
Mi'kmaq Family
& Children's
Services

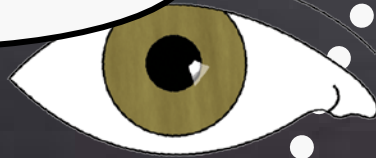
Western



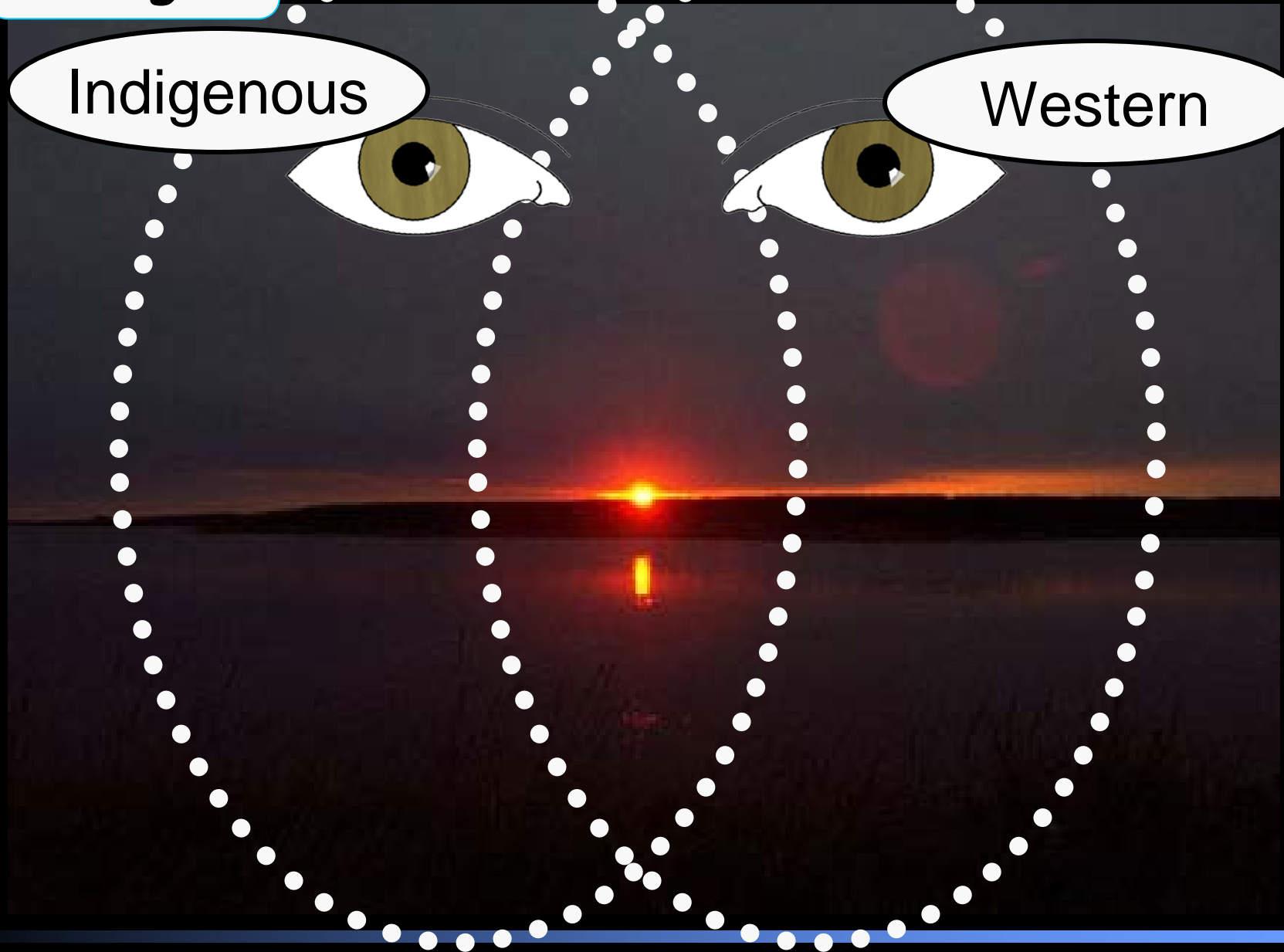
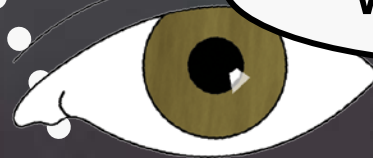
from:
The Society of
Obstetricians and
Gynaecologists of Canada

Why?

Indigenous



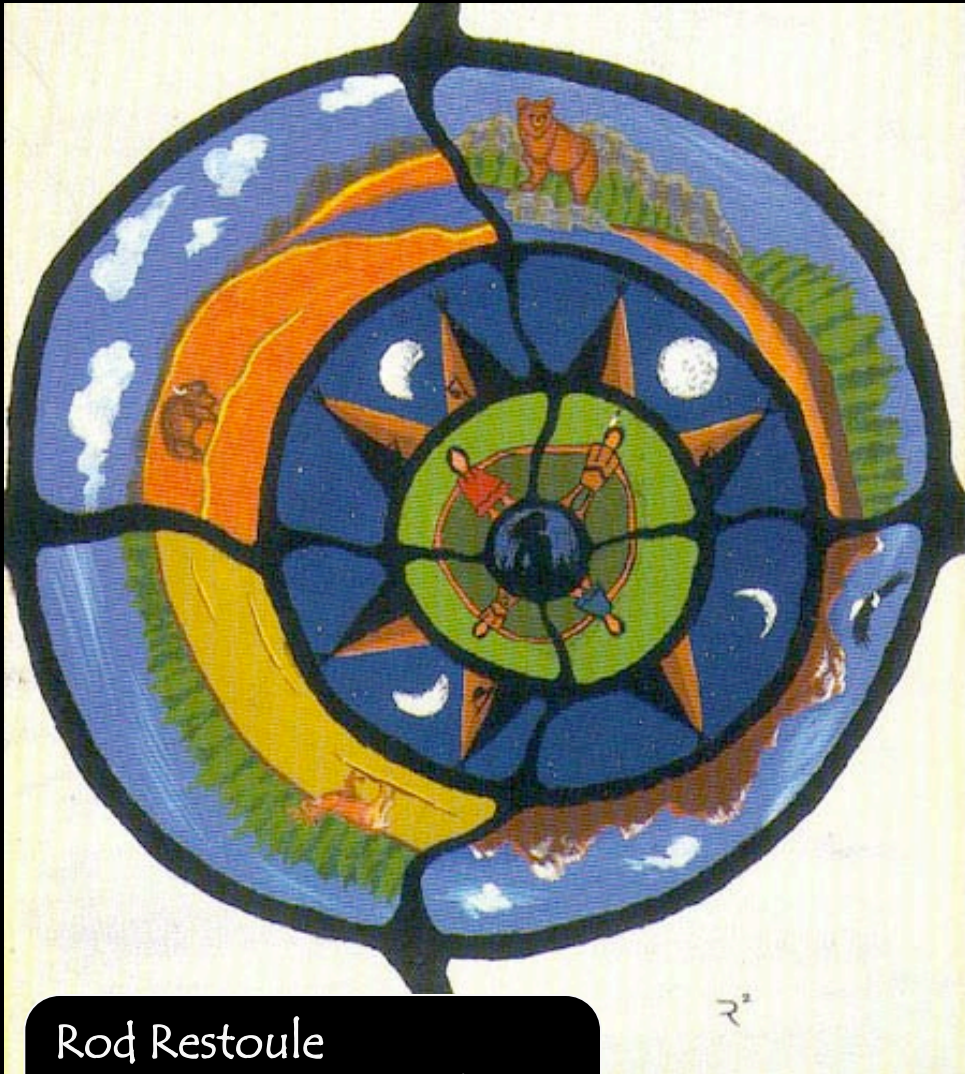
Western





**We are
all inter-
connected.**

Mi'kmaq Family
and Children
Services

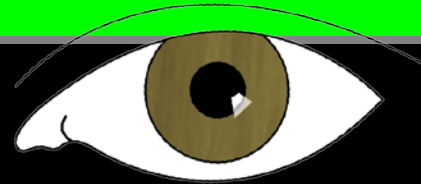
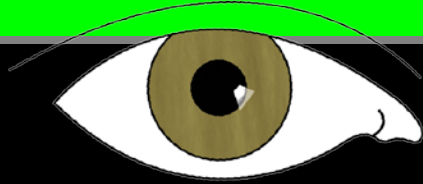


Rod Restoule
From: Into the Daylight;
C. Morriveau, 1998

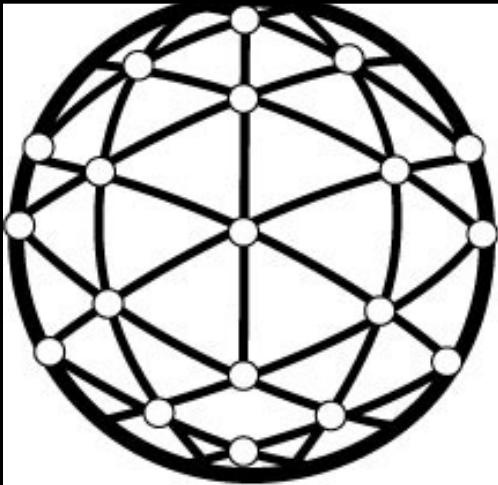


We need to
stay connected
to the earth ...
... and be able
to work
with Nature ...
... not be a
“master over”.

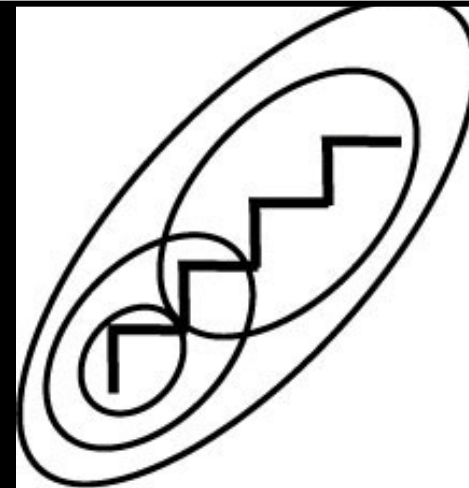
“two-eyed seeing”
how our world is



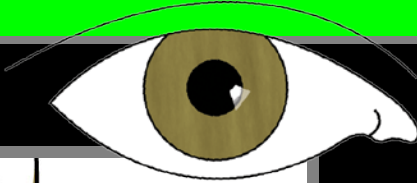
interconnected



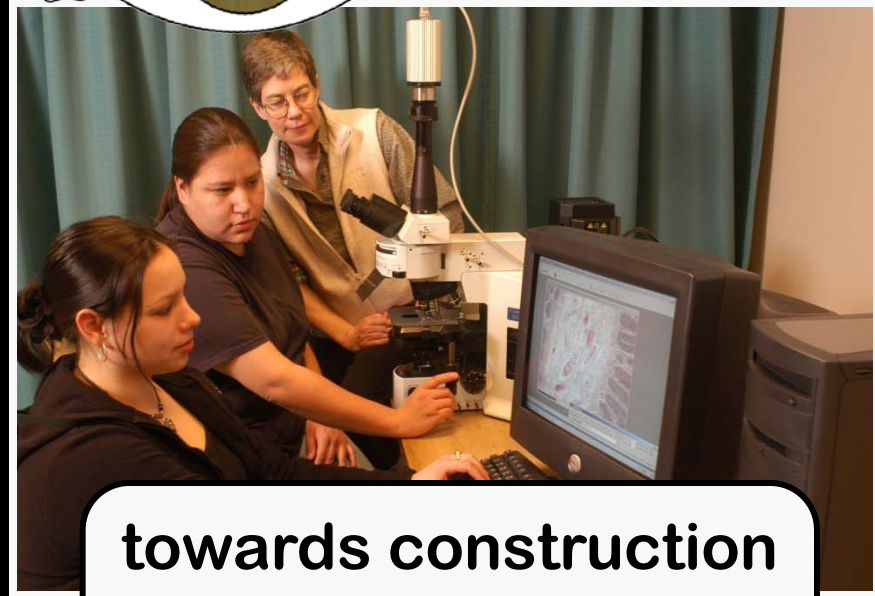
parts & wholes



“two-eyed seeing” our overall knowledge objectives

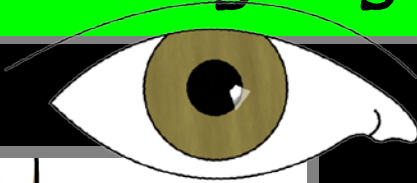


towards resonance
of understanding
within environment



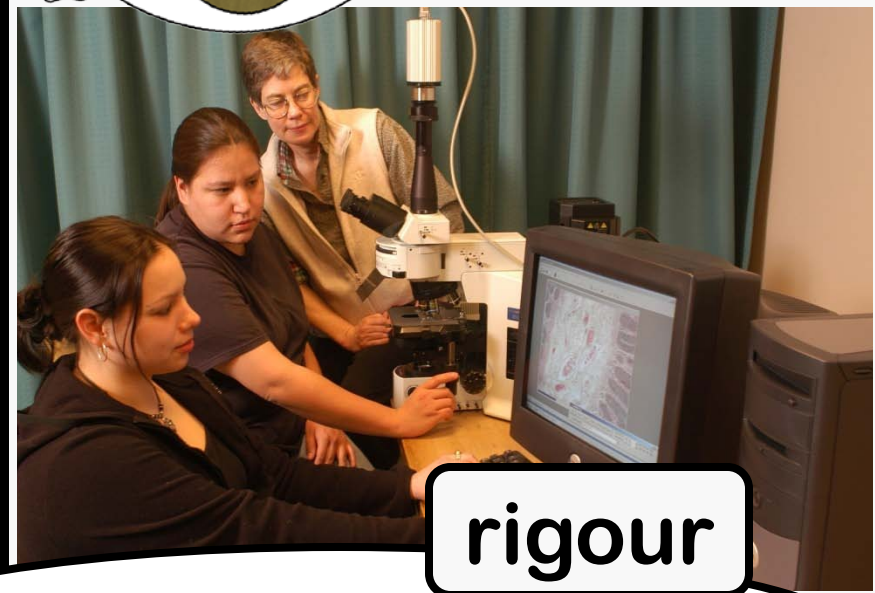
towards construction
of understanding
of environment

“two-eyed seeing”
our language & methodology



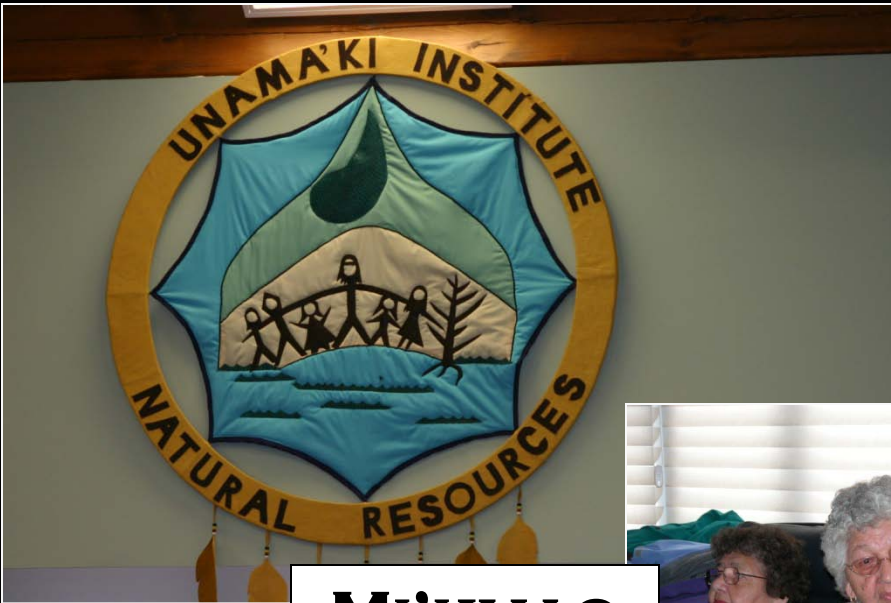
vigour

WEAVING



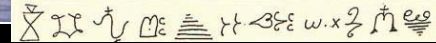
rigour

UN-WEAVING



KECCA

Knowledge: Education and Cultural Consultant Associates



**MI'KMAQ
ELDERS**



**CAPE BRETON
UNIVERSITY**



It is our responsibility
as First Nations
peoples to share the
“natural laws”
with science and
the mainstream ...

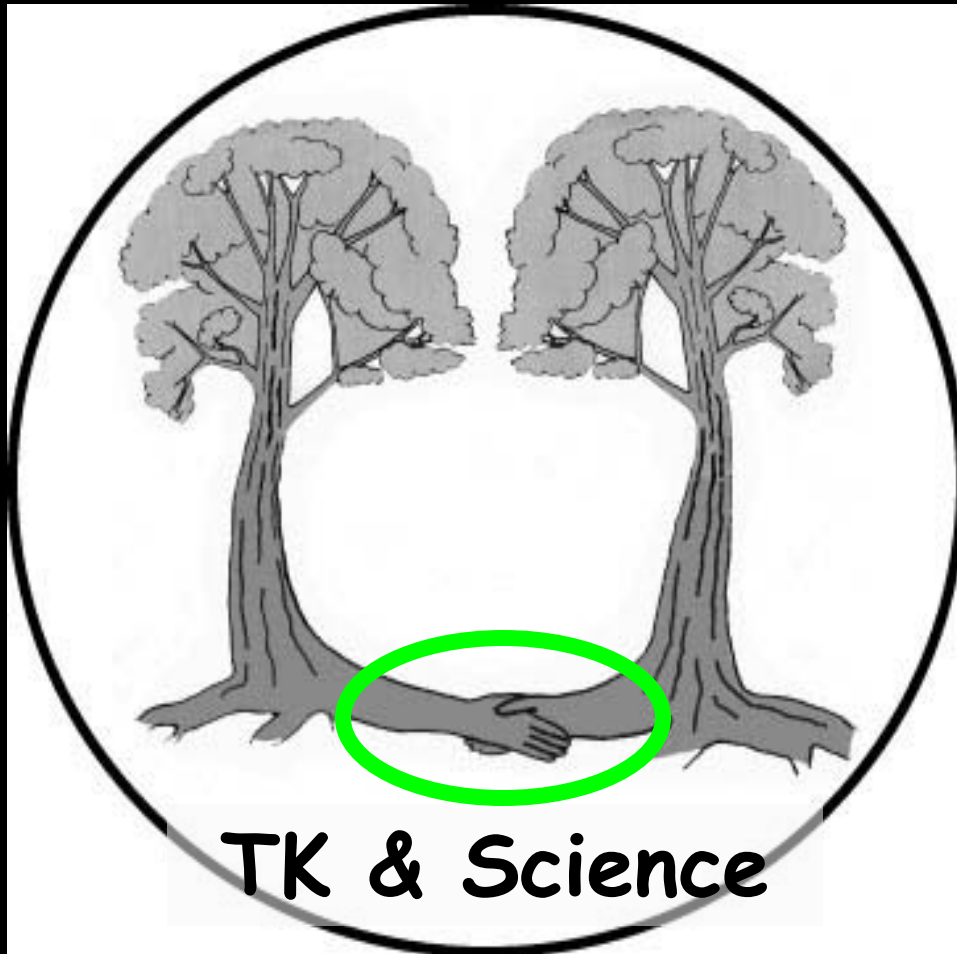
... to generate
the ability for ...



“Two-Eyed Seeing”



**Go into a forest, you see the birch, maple, pine.
Look underground and all those trees are
holding hands. We as people must do the same.**
(late Mi'kmaq Chief, Spiritual Elder, and Healer Charlie Labrador)





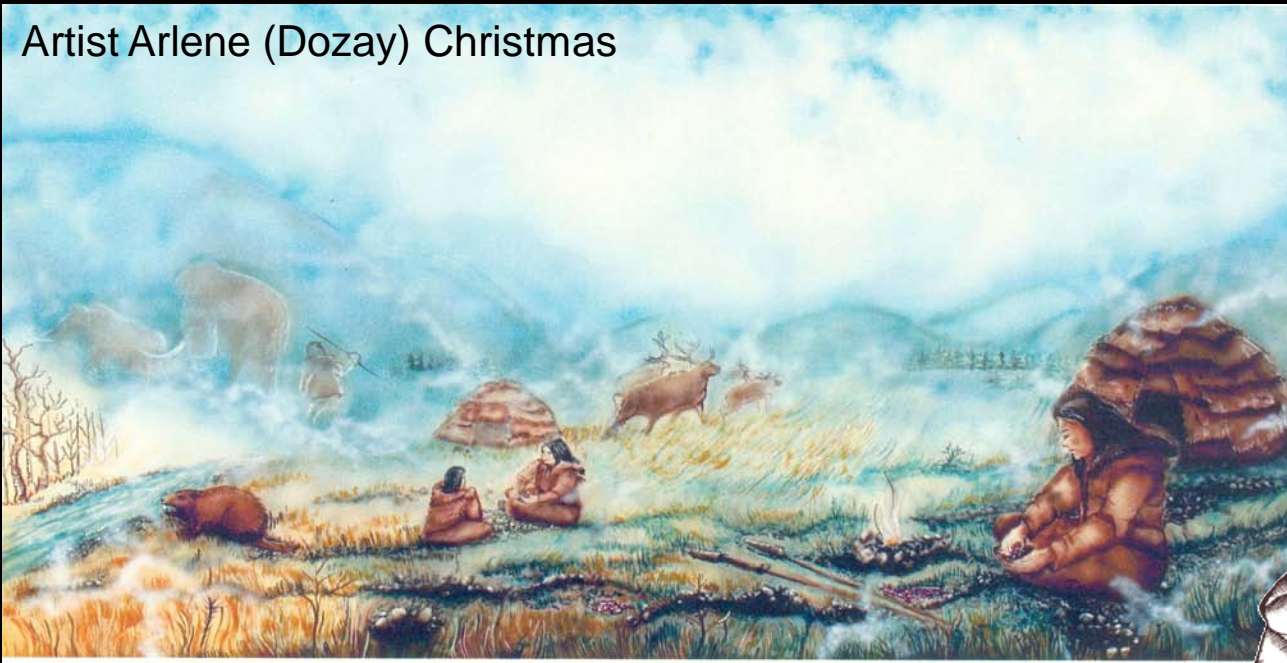
TK learned mainly from Nature
... “ natural law ”



The voice of our
ancestors
is in the land.



Artist Arlene (Dozay) Christmas



TK ... not an “expertise”

TK ... learned as “bits
& pieces here & there”
from other humans but
mainly from Nature



Artist Basma Kavanagh



TK ... natural law
“all my relations”





We ask permission
of Creator ... that
we are able to work
with Nature ...

... work with, not as
“master over”.

We must also recognize
that we humans are the problem.

Whereas the other animals have continued
to “do their thing” ... we humans have not.

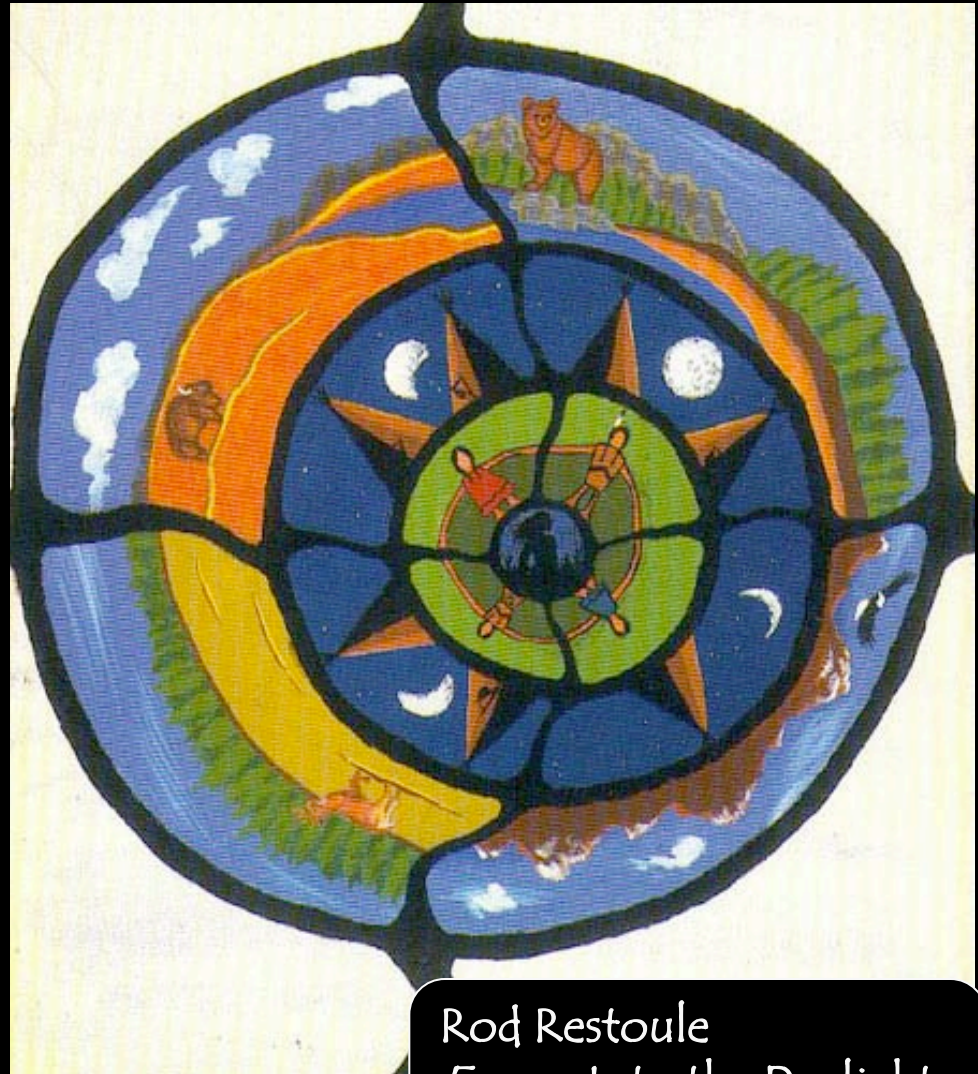


Where begin?

... must look within
our own selves

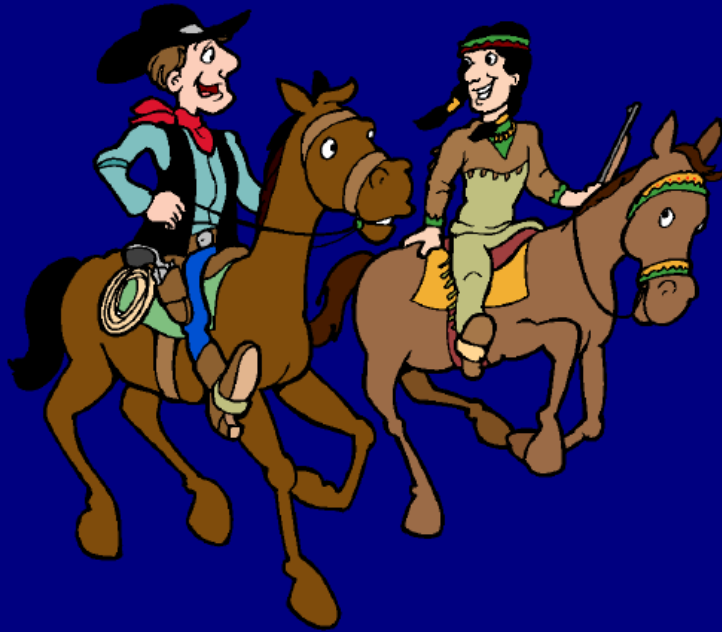
... the needed
mind set is only
in a very few
individuals

... the younger
generation has
largely been
denied the
connection to see
how Nature works



Rod Restoule
From: Into the Daylight;
C. Morrissette, 1998

For society today, we are just



Hollywood Indians.



... need to create **FORUMS** acceptable to all cultures, especially learning institutions ...



... forums' **FOUNDATION** must incorporate TK alongside mainstream science ...



... without such a foundation, impossible to cement the relationship ... because mainstream looks for the “expert, the authority”



jikoqs

Keeper
of the
Sacred Fire



... the **RELATIONSHIP** is vital ...
and is one which
Knowledge Holders keep alive

Society has to be reminded of its function, particularly the universities and other educational institutions whose role it is to guide students into an appreciation rather than an exploitation of the world around them.



Thomas Berry

all my relations



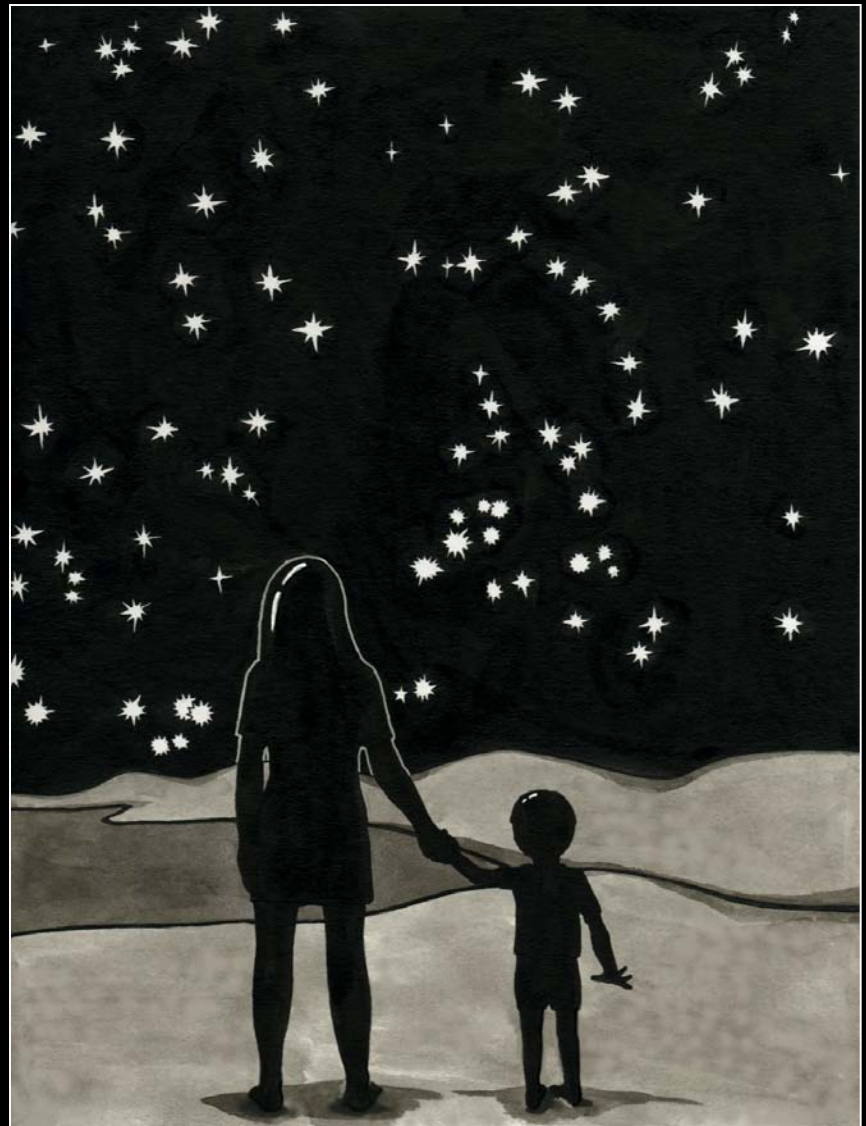
all my relations



all my relations



all my relations



Artist Basma Kavanagh

all my relations

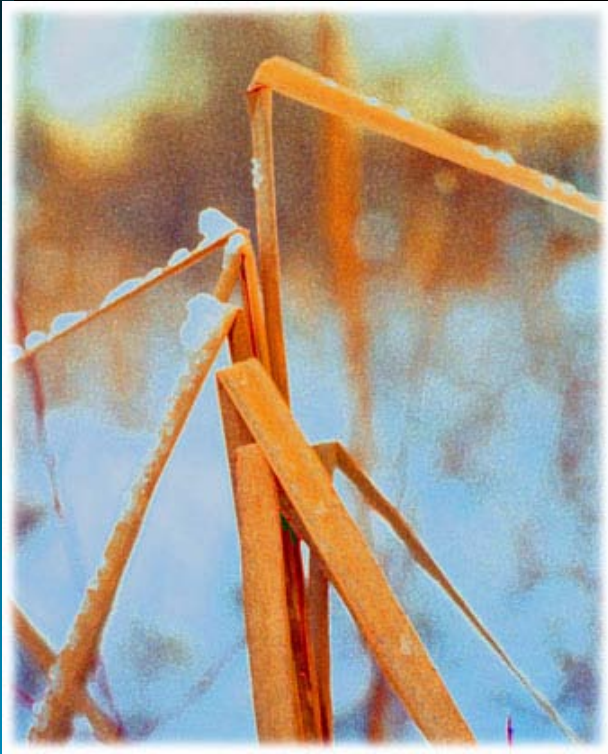


LINK



all my relations

Artist Basma Kavanagh



all my relations



all my relations



all my relations



Thank you - Wela'lioq

