







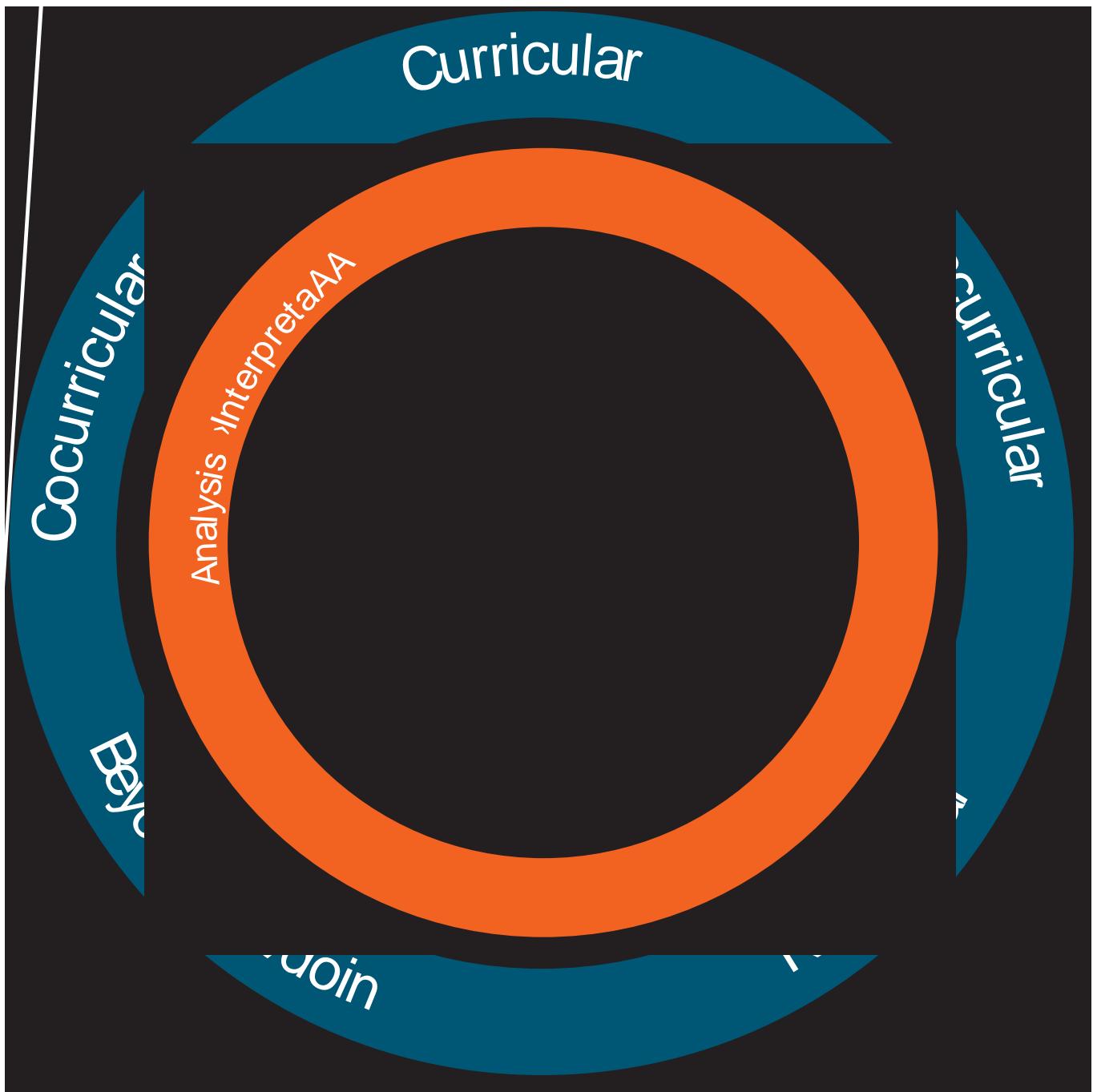
## Introduction

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12McMutie, Beth. "The Hope and Hype of the Academic Innovation Center," The Chronicle of Higher Education, 64 (20), January 26, 2018: <https://www.chronicle.com/article/The-HopeHype-of-the/242284>

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Xjg\Zkj f] fli c`m\j# Xe[ `k `j i\XjfeXYc\ kf Xjjld\ k\_Xk k\_`j `eÔl\ez\ n`cc `eZi\Xj\`  
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K\\_ i`j\ f] Y`^ [XkX \_Xj `dgfikXek `dgc`Zk`fej ]fi \_fn gifYc\ dj `e dXep [`jz`gc`e\ j X @e jfd\ O\c[j# k\\_j [\m\cfgd\ek \_Xj Xci\X[p c\[ kf Zfem\ijXk`fej Xdfe^ jZ\_fcXij i^\Xi[i\j\XiZ\_2 `e k\\_ ]ikli\# Y`^ [XkX n`cc jl^^\jk k\\_ \_pgfk\_\j`j# iXk\\_i k\_Xe k\\_ \_pgfk\_\j kf k\jk k\\_d% @e fk\\_i O\c[j# i\[Zk`fe`jd# lj\[ ]fi Z\ekli`j kf jkl[p gifYc\ dj fi jpjk\ dj Yp j\\_k`e^ ]ifd cXi^\ kf jdXcc# ]ifd dXZifjZfg`Z kf d`ZifjZfg`Z# Xe[ ]ifd Zfdgc\o kf j Y`^ [XkX% @e k\\_j i^\Xi[# k\\_ [i\Zk`fe `e n\\_Z\\_ `e]fidXk`fe Ofnj `e k\\_ ]ikli\ dXp Y Y\Zfd`e^ k\\_ gi\[`Zk`fe fi le\[ijkXe[\`e^ f] k\\_ gifg\ik`\j f] k\\_ n\_fc\ jpjk\d Yp `ek^\iX

@k `j `dgfikXek kf efk\ k\_Xk k\_\j\ Z\_Xe^{\j} Xi\ efk i\jki`Zk\[ kf jZ`\eZ\ Xe[ dXk\\_d]XZ`c`kXk`e^ e\n ]fidj f] Zi\Xk`m\ \ogi\jj`fe% @e k\_\ \_ldXe`k`\j# ZfdglkXk`feXc k Xe[ \_`jkfi`ZXC [XkX Xk mXjkcp `eZi\Xj\[ jZXC\j Xe[ k\_ifl^\_ e\n ]fidj f] m`j\Xc`qXk` e\n gXiX[\^dj j\Z\_ Xj jfZ`Xc e\knfibj gifm`[\ [XkX Xk X i\dxibXYc\ jZXc\% @e j\_fi k\Z efcf^p Xe[ Y`^ [XkX Xi\ f]]i`e^ \ek`i\cp e\n nXpj f] \ogcfi`e^# `em\jk`^Xk`e^#

JIZZ\jj]\lccp Zfe]ifek`e^ k\_\j\ Z\_Xe^\\j n`cc i\hl`i\ e\n nXpj f] k\_`eb`e^ Xe[ c\Xie`e`e X [XkX\$[i`m\le nfic[ n`cc i\hl`i\ jfd\ c\m\c f] ]XZ`c`kp Xe[ Zfd]fik n`k\_ ZfdglkXk k\Z\_efcf^p Xe[ ZfdglkXk`fe `ekf k\_\ le[\i^iX[I\Xk\ \log\i`\eZ\ `e X k\_fI^\_k]lc nXp# kf dlck`gc\ [`d\ej`fej# `eZcl[`e^ ]le[Xd\ekXc gi`ez`gc\j le[\icp`e^ k\Z\_efcf^`Z\Xc Zgi`ez`gc\j f] Zfdglk\ij Xe[ e\knfibj# Xe[ Zfdde`ZXk`e^ XZifjj jfZ`Xc d\[`X gcXk]fid Z\_Xe^\\#\ \jg\Z`Xccp \_`jkfi`Z\Xc Xe[ ZlckliXc le[\ijkXe[`e^j f] k\_\ i\Xjfej ]fi Xe[ \]]\ ^cfY\# j\_flc[ Y\ Zfej`[\i[# Xj j\_flc[ k\_\ Zfej\hl\ez\j f] [\]]\i\ek`Xc XZZ\jj kf k\Z\_efcf^p j\_flc[ `eZfigfiXk\ Xe \oXd`eXk`fe f] k\_\ mXcl\j Xe[ \k\_`Zj XjjfZ`Xk\[ n` `eZcl[`e^ `jj\j ZfeZ\ie`e^ gfn\i# gi`mXZp# gi[\`Zk`fe# Xe[ k\_\ le`ek\el\[\ Zfej\hl\ei F] Z\ekiXc ZfeZ\ie j\_flc[ Y\ k\_\ hl\jk`fe f] n\_Xk jfZ`\kXc gifYc\dj d`^\_k Y\ Y\jk jfc e\n Xe[ \d\i^`e^ k\Z\_efcf^`\\j%

K\_\ nfib`e^ ^iflg i\Zf^e`q\j k\_Xk 9fn[f`eÊj ;\gXikd\ekj f] DXk\_\dXk`Zj Xe[ :fdglki`dgfikXek Zfeki`Ylk`fej kf jkl[\lek c\Xie`e^ `e k\_\j\ Xi\Xj% K\_\ dXk\_\dXk`Zj [\gXik]fccfn`e^ Xj X c\Xie`e^ ^fXc1 ÇKf i\Zf^e`q\ Xe[ Xggi\Z`Xk\ k\_\ `dgfikXek ifc\ f] kf XZ\_\m\ gifÖZ`\eZp n`k\_ k\_\ k\Z\_efcf^`ZXc kffcj f] dfjk mXc\ Jëdfex\jç#\flj\æ XZfdglk\i jZ`\eZ\ [\gXikd\ekÊj c\Xie`e^ ^fXcj `eZc[\# Ç?Xm\ Zi`k`ZXc k\_`eb`e^ jb`Yp [\m\cfg`e^ Xe[ XeXcpq`e^ Xc^fi`k\_djÈ Xe[ Ç9\ XYc\ kf i\Zf^e`q\# `[\lek`p#\ Xe[k\_Xk Xi`j\ ]ifd k\_\ l\j\ f] Zfdglk\i jZ`\eZ\ (\k\Zkèct#\jk\_\ jfæç\k\p%\kj Y\l\ e jcfn `e [\m\Zffi[`eXk\[ XggifXZ\_ kf \[IZXk`e^ jkl[\lek ]fi gXik`Z`gXk`fe `e X jfZ`\kp Xe[ nfib]f Yp k\Z\_efcf^`ZXc Z\_Xe^#\ n`k\_ k\_\ ^i\Xk\jk `ejk`k\k`feXc Zfdd`kd\ek j\l\ d`e^ kf Zf Xe[ :fdglkXk`feXc Jkl[\`j @e`k`Xk`m\ ::J@ %

;\:J@ X]]fi[j jkl[\ekj k\\_ fggfikle`kp kf lj\ [^kXc Xe[ ZfdgIkXK`feXc kffcj kf \oXd`  
Xe[ \e^X^`e Zi\Xk`m\ \ogi\jj`fe XZifjj k\\_ Zlii`Zlcln\_`c\ Xcjf ]fjk\i`e^ Zi`k`ZXC  
k\_`ZXC `dgc`ZXC`fej f] k\\_j\ kffcj Xe[ k\\_ b`e[j f] befnc\[^\ Xe[ jfZ`Xc giXZk`Z\j  
gifÓZ`\eZp Xe[ Zi`k`ZXC g\ijg\Zk`m\j kf^k\i`e jkl[\ekj\IZXC`feXc \ogi\`eZ#\br/>^e\jXK`fe f] k fi\ kffcj Xe[ k \jZ fcXii Xe[ c\X\jii n\_f\j\ k \d% 8i k \`e`k`Xk`m

E\n Xe[ \d\i^`e^ k\Z\_efcf^`j Xi\ kiXej]fid`e^ k\_\ gif[IZk`fe Xe[ [`jj\d`eXk`fe f] ZfdglkXk`feXc d\k\_f[j Xe[ XeXcpj`j Xi\ Zi\Xk`e^ k\_\ XY`c`kp Xe[ fggfikle`kp kf [XkX j\kj Xe[ X[[`e^ e\n g\ijg\Zk`m\j kf k\_\ Zfi\ h\l\jk`fej k\_Xk \_Xm\ XcnXpj Zfe iZ`\eZ\j# Xe[ eXk\iXc Xe[ g pi`ZXc iZ`\eZ\j%

13. <http://www.bowdoin.edu/math/learning-goals/index.shtml>

14 <http://www.bowdoin.edu/computer-science/learning-goals/index.shtml>



Xe[ k\\_`eb`e^ XeXcpk`ZXccp Xe[ cf^`ZXccp# k\\_`Xi`X `e n\_`Z\_i\jgfe[\ekj ZcX`d[hIXek`kXk`m\ kffcj# n`k\_ fecp -' g\iZ\ek f] i\jgfe[\ekj i\gfik`e^ k\_Xk k%`i 9fn[f`eK\\_ nfib`e^ ^iflg Y\c`\m\j k\\_` :fcc\^` nflc[ Y\el\Ók ]ifd jlggfik`e^ X[[`k`feXc Zlii`ZD[\`ZXk\[ kf XZ\_`m`e^ k\\_`^fXc f] \[IZXk`e^ Xcc jkl[\ekj kf i\Xjfe hIXek`kXk`m\cp`k\\_ HIXek`kXk`m\ I\Xjfe`e^ HI Gif^iXd# cfZXk\[ `e k\\_` :\ek\i ]fi C\Xie`e^ Xe[ K\Xl\^d\ek`e^ jIz\_ fgffikle`k\j% :lii\ekcp# k\\_` HI gif^iXd le[\ikXb\j k\\_` ]fccfn`e^1  
› 8jj\jj`e^ Óijk\$p\XÊjk\j\k\ekjkXk`m\ c`k\iXZp%  
› 8[m`j`e^ jkl[\ekj# e\kZfe n`k\_ XZX[\d`Z X[m`jfij# i\^Xi[`e^ Xggifgi`Xk\ hIXek`kXk`  
› <jkXYc`j\_`e^ jkl[p ^iflgj Xe[ [ifg\$`e klk\fl\j%`i hIXek`kXk`m\`  
› Gifm`[`e^ `e[`m`[IXc k\k\k\`e\k#\`e\`en\`Zf\_ k\\_ Zflij\ [\gXikd\ek# ]fi jkl[\ekj `e hIXek`kXk`  
› F]]\i`e^ [\`ZXk\[ HI Zflij\j# dfjk efkXYcp D8K? (,'1 HIXek`kXk`m\ I\Xjfe`e^ Xe[  
› F]]\i`e^ jlggc\d\ekXc jlggfik kf hIXek`kXk`m\ Zflij\j# Xj i\hI\jk\[ Yp ]XZlckp%  
@e k\\_ jldd\i #]k]\(.HI gif^iXd Xcjf `ekif[IZ\[ X gif^iXd ZXcc\[ Rhetorical Numbers: A Workshop  
Writing and Argumentation# n\_`Z\_ ]fZlj\[ fe [\m\cfg`e^ Zflij\ dXk\i`Xcj k\_Xk `eZfigfiXk\ hIX  
Xl\^d\ekXk`fe% N`k \`^ k ]XZlckp lfd XZifji k \ Zlii`ZlciXj [`m`j`fei qXik`Z`qXk`





Xe[ \_\Xck\_p c`\]\ ]fccfn`e^ ^iX[IXk`fe% @e ZfekiXjk n`k\_ k\_\ f]k\ e k\_\fi\ k`ZXc bef  
f] Zi\[`k\$Y\Xi`e^ Zflij\j# k\_\ nfib`e^ ^iflg Z\_fj\ kf cXY\c k\_`j b`e[ f] c\Xie`e^ ÇgiX

Nfib`e^ ^iflg d\dy\ij i\Zf^e`q\ k\_Xk# Xj n`k\_ k\_\ jlg\iÓZ`Xc [`jk`eZk`fe Y\kn\le be  
[\`jgfj`k`fej# k\_\i\ Xi\ ef Zc\Xi Yfle[Xi`\j Y\kn\le Zflij\\$YXj\[ k\_\fi\k`ZXc befnc\[^\  
[\jZi`Y\[ \_\i%\ JK`cc# k\_\ [`jk`eZk`fe `j \_\cg]lc`e Yi`e^`e^ Xkk\ek`fe kf X ^iflg f]  
Y\c`\m\ k\_\ :fcc\^\ j\_flc[ dfi\ [`i\Zkcp jlggfik jkl[\ekj`e XkkX`e`e^% @k`j nfik\_e  
d\dy\ij f] k\_\ nfib`e^ ^iflg \_\c[ X kXYc`e^ \m\ek Xk Jd`k\_ Le`fe Xe[ Xjb\[ k\_\i g\  
k\_\p \_fg\[ k\_\ :fcc\^\ nflc[ gifm`\ Y\]fi\ k\_\p ^iX[IXk\# X cXi^ dXafi`kp f] i\jgfej  
befnc\[^\ Xj ÇfiXkfp jb`ccj È Xe[ Çg\ijfeXc ÓeXeZ\ Xe[ \_fn kf `em\jk dfe\p Xe[ jg\

K\_\ nfib`e^ ^iflg XZbefnc\[^\ j k\_Xk`kj d\dy\ij Xi\ efk k\_\ Óijk kf j|^jk k\_\ :fcc\^\  
giXZk`ZXc befnc\[^\% =fid\i 9fn[f`e :fcc\^\ Gi\j`[\ek 9Xiip D`ccj# ]fi`ejkXeZ\# gi\seniors  
called Get Ready for Life After Bowdoin: A Crash Course in Practical Skills Xe[ jkl[\ek X]X`ij jkX]] \_Xm  
Y\le nfib`e^ kf [\m\cfg X Core Skills Initiative k\_Xk X[[i\jj\j dXep f] k\_\j\ kfg`Zj% @e[\#  
Xkk\ek`fe k\_ifl^\_ gif^iXdj f]]i\[ Yp ZXdgij f]ÓZ\j jIZ\_ Xj :Xi\i GcXee`e^ Xe[ k\_\f] k\_\j\ n`[\cp i\Zf^e`q\[ e\i[j Xe[ k\_\ :fcc\^\ Èj gi\m`flj \]]fikj kf X[[i\jj k\_\d# k\_\r  
k\_Xk 9fn[f`e [\m\cfg X dfi\ Zfdgi\\_\ej`m\# p\Xicfe^ j\i`j f] \m\le`e^ Xe[ n\le\le[ nfi  
befnc\[^\ Xj k\_\i Z\ekXc ZfeZ\ie% Kfg`Zj ]fi k\_\j\ nfibj\_fgj d`^\_k`eZcl[\`1

> J\c]\$Befnc\[^\ Xe[ I\j`c`\eZp  
Le[ijkXe[`e^ Zfi\ kiX`kj# jb`ccj# Xe[ mXcl\j YI`c[j j\c]\$XnXi\le\jj Xe[ jlggfikj k\_\`  
gif]\jj`feXc ^fXcj Xe[ fggfikle`k`\j% Jkl[\ekj j\_flc[ c\Xie k\_\`dgfikXeZ\ f] i`jb kXb  
to success.

> >fXc J\kk`e^ Xe[ 8Z\_`\m\ d\ek  
Jkl[\ekj j\_flc[ c\Xie k\_Xk ]fZlj\[ i\ÓZk`fe Xj n\cc Xj \jkXYc`j\_`e^ Xe[ i\XZ\_`e^ Z\_]  
]le[Xd\ekXc kf ZXZ[\d`Z# g\ijfeXc# Xe[ gif]\jj`feXc jIZZ\jj%

> <]\Zk`m\ FiXc :fddle`ZXk`fe  
Jkl[\ekj j\_flc[ c\Xie \_fn kf jg\Xb \cfhl\ekcp Xe[ kf Xik`ZlcXk\ g\ijIXj`m\ Xi^Id\ekj%  
kX`cfi k\_\i Zfddle`ZXk`fej kf Ók k\_\i XI[\`eZ\j%

> Gif]\jj`feXc ;\m\cfgd\ek  
Gi\gXi`e^ jkl[\ekj ]fi gif]\jj`feXc c`\]\ X]k\i ^iX[IXk`fe `eZcl[\j c\Xie`e^ i,jld,, ni`k`  
Zlck`mXk`e^ jkiXk\^\ Z\i\cXk`fej\_`gj# Xe[ YI`c[\`e^ Xe[ dX`ekX`e`e^ g\ijfeXc Xe[ g

> G\ijfeXc =`eXeZ\  
J\Zli`e^ X]lcc\$k`d\ afY \ogfj\j ^iX[IXk\j kf X e\l c\m\c f] g\ijfeXc ÓeXeZ\% Jkl[\e  
c`k`iXZp# `eZcl[\`e^ g\ijfeXc YI[\^\k`e^# i\k`i\l\ek gcXee`e^# Xe[ YXj`Z`em\jk`e^%

> <k`h\kk\  
Le[ijkXe[`e^ i\Z\gk`fe Xe[ `ee\i kXYc\ \k`h\kk\ Xe[ k\_\`dgfikXeZ\ f] ni`k`e^ k\_>  
giXZk`Z\j k\_Xk jkl[\ekj j\_flc[ c\Xie `e fi[\i kf dXb\ X gfj`k`m\ `dgi\jj`fe `e gif]\jj`f

> :feÓ`Zk DXeX^d\ek Xe[ I\jfclk`fe  
;\Xc`e^ Xggifgi`Xk\cp n`k\_ ZfeÓ`Zk `j e\Z\jjXip kf Zi\Xk\ \_\Xck\_p Xe[ gif\IZk`m\ g



› HIXek`kXk`m\ I\Xjfe`e^ Gif^iXd Xl^d\ek n`k\_ k\_\ X`d f] \[IZXk`e^ Xcc jkl[\lekj kf gX^j ()\$(\* %

› HIXek`kXk`m\ C`k\iXZp J\d`eXi G`cfk \jkXYc`j\_ n`k\_ k\_\ X`d f] `e]fid`e^ k\_\ ]\Xj\ gX^j (\* %

› ;\dfZiXk`Z ;`Xcf^I\j \jkXYc`j\_ k\_`j gif^iXd kf gifm`\ jkl[\lekj n`k\_ ^i\Xk\i fggfikl Z`m`c [`Xcf^I\2 j\ gX^j (+ %

)

## KSCD Working Group Charge

WhatKnowledge, Skills, and Creative Dispositions (KSCD) j\_flc[ \m\ip\_jkl[\ek\_n\_f ^iX[IXk\j ]ifd\_9fn[f`e]ifd\_efn\_gfjj\jj6\_K\_Xk `j kf jXp# n\_Xk j\_flc[ Y\ [jk`eZk`m\ XYfIk\_9fn[f`e ^iX[IXk\j \e^X^k\_\nfic[6

K\_\Nfib`e^>iflg\_Z\_Xi^[\ n`k\_ X[[i\jj`e^ k\_`j h\jk`fe n`cc Y\ Z\_X`i\[ Yp\_8jjfZ`Xk\ ;fie Xe[ Y\ Zfdgi`j\[ f] ]XZlckp# kiljk\j# jkX]]# Xe[ jkl[\ekj% K\_\ >iflg n`cc le[\ik] [\c`Y\iXk\ `e fli ^fXcj ]fi [\c`m\i`e^ fe fli d`jj`fe Xe[ K\_\ F]\i f] k\_\ :fcc\^#\ Zfd]f [f Xe[ \_Xm\ [fe\# Xe[ n`cc`e^ kf \og\i`d\ek Xe[ \dYiXZ\ Z\_Xe^ n\le Xggifgi`Xk\Æ gi\`d`e\ek c`Y\iXc Xikj Zfcc\^ fm\i k\_\ e\ok k\le kf Ó]k\le p\Xij# Xe[ n\cc Y\pfe[%

K\_\ >iflgÊj nfib n`cc `eZcl[\ [m\cfg`e^ Xe le[\ijkXe[`e^ f]1

( N\_Xk `j d\Xek Yp \XZ\_ f] Çbefnc\[^\#Ê Çjb`ccj#Ê Xe[ ÇZi\Xk`m\ [`jgfj`k`fej6Ê

) N\_Xk BJ:; Xi\ [m\cfg\[ `e €°À`€5 fP

## Sources



**Bowdoin**