

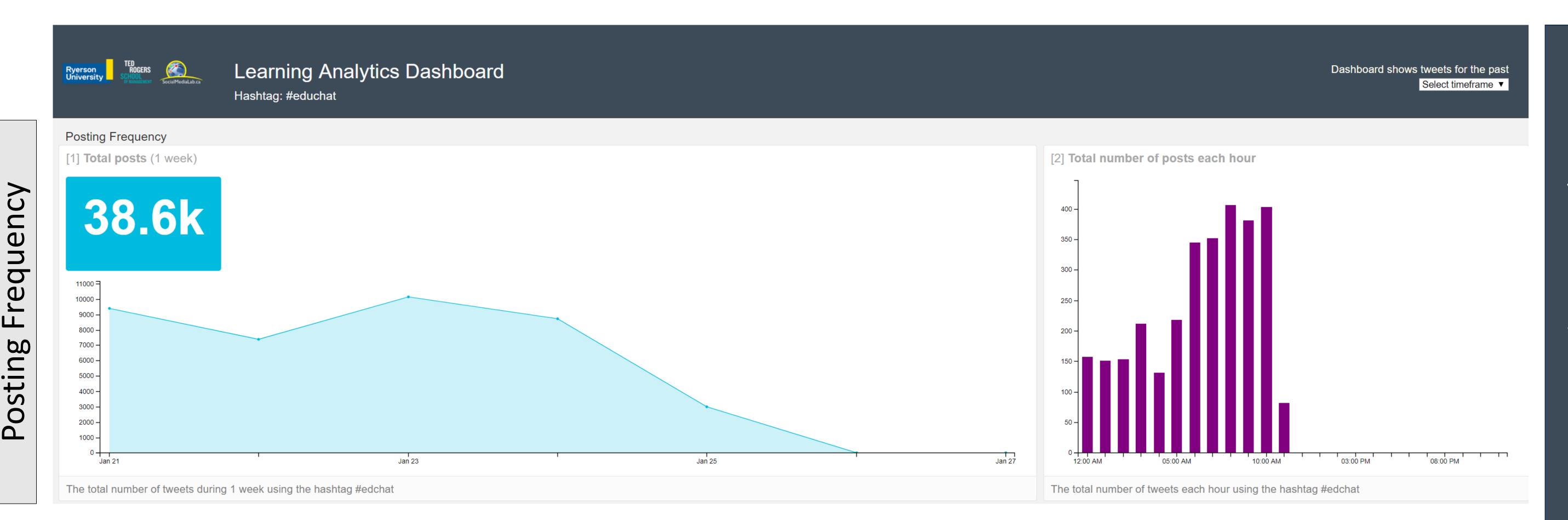
Learning Analytics Dashboard for Twitter

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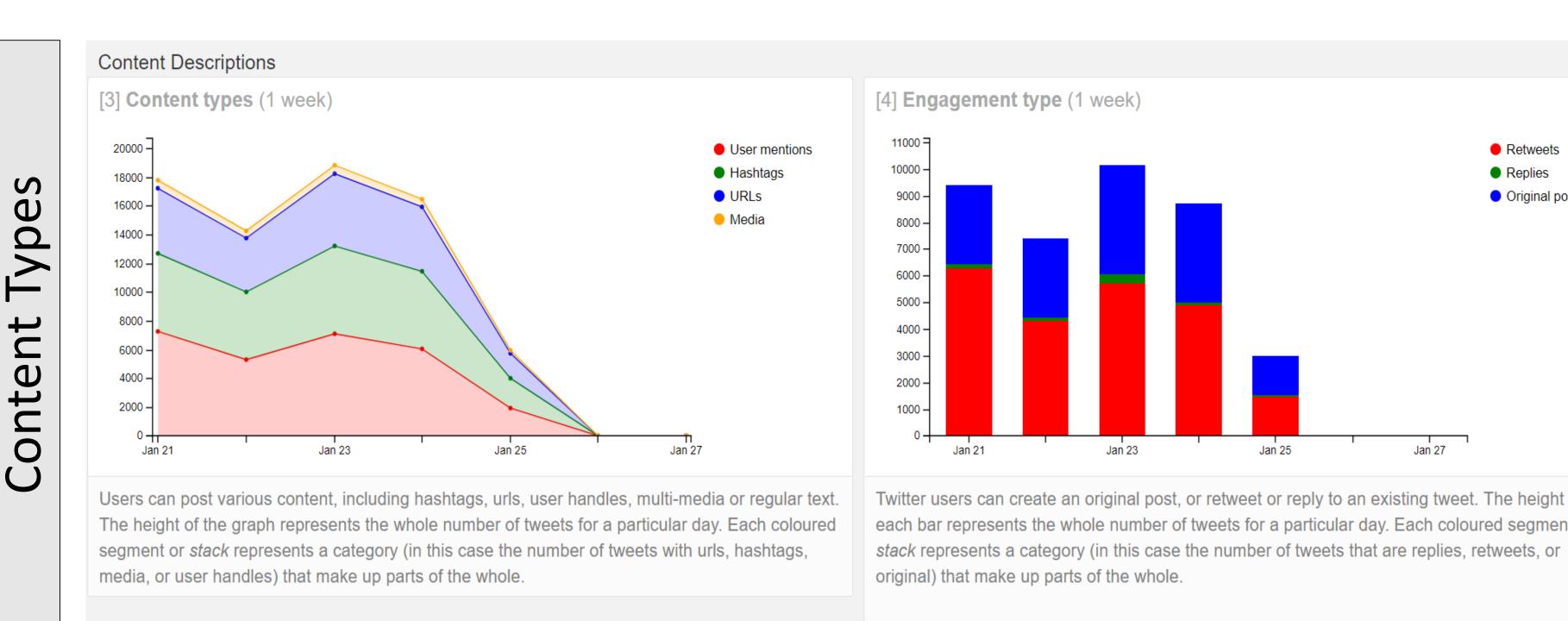


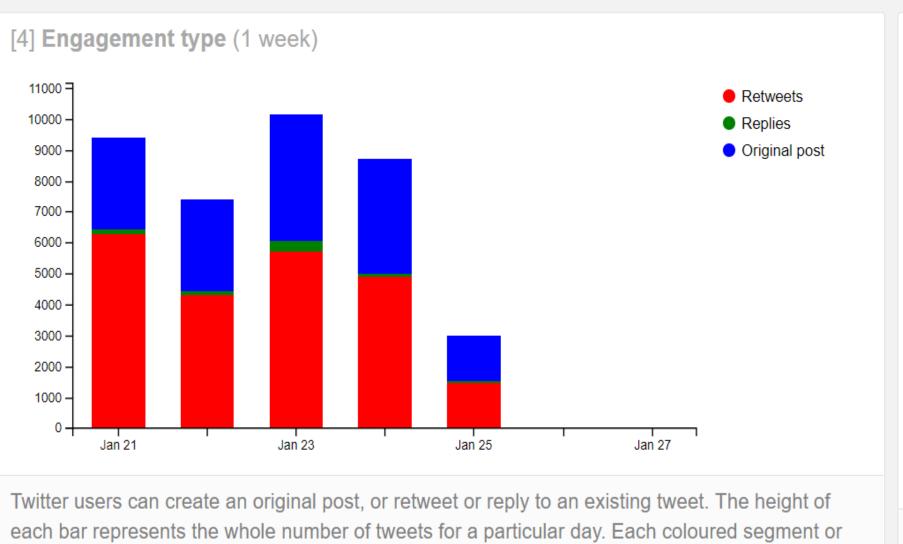
http://dashboard.socialmediadata.org/educhat/

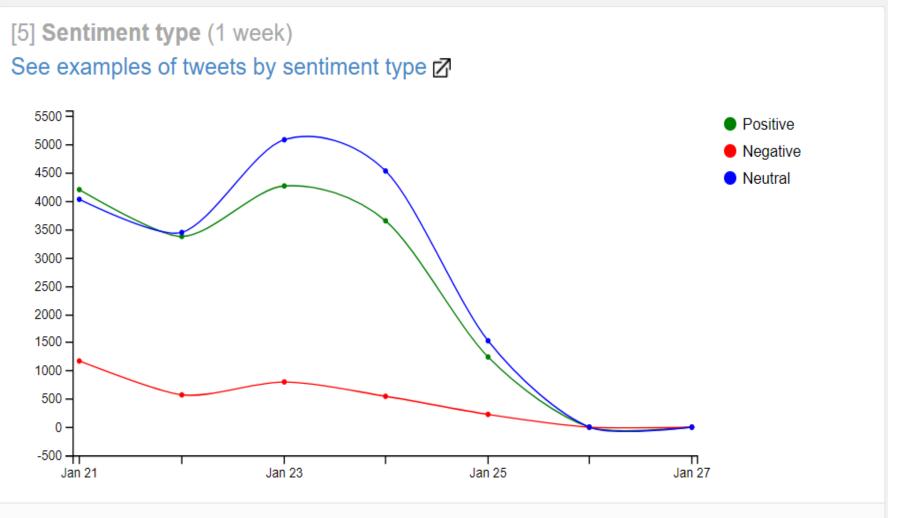


PURPOSE

The Learning Analytics dashboard is a tool for instructors to monitor and analyze Twitter activities generated by their students in real time.



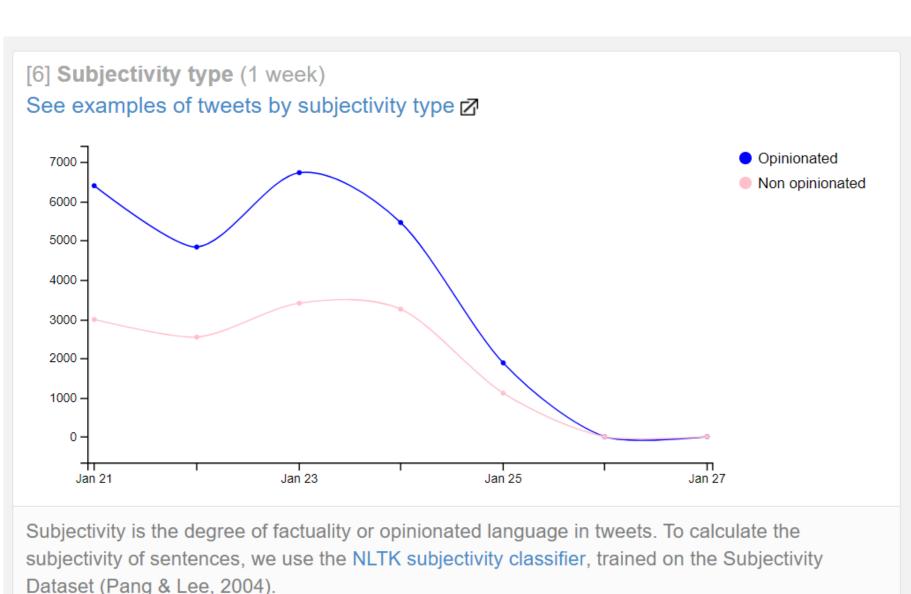


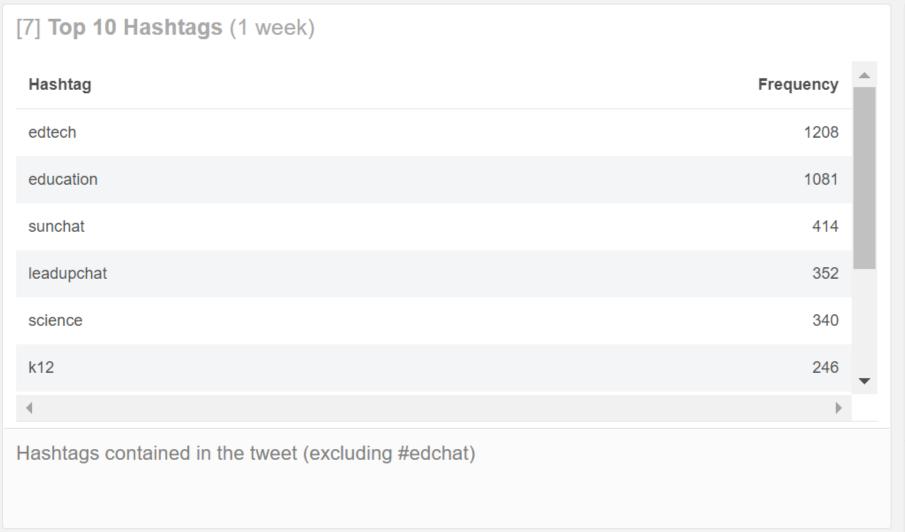


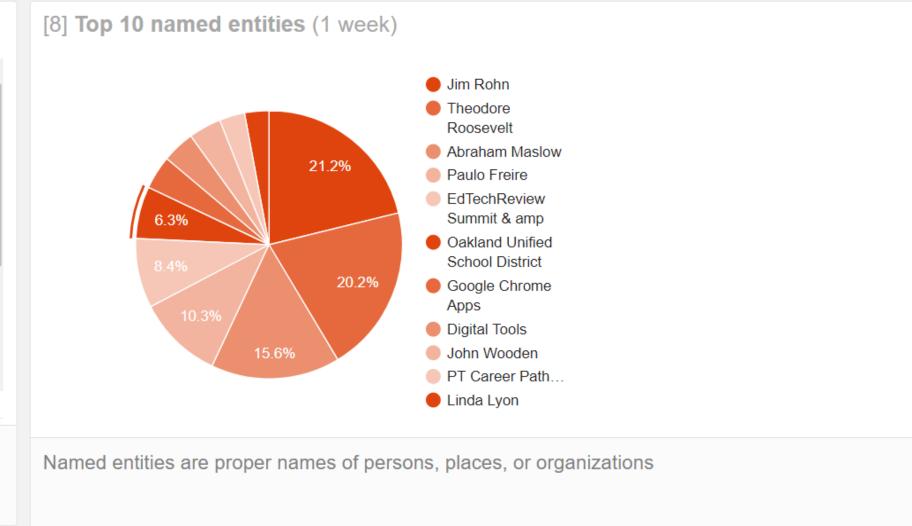
Sentiment describes the emotionality of the tweet, and whether it is positive, negative or neutral. We use the NLTK SentimentAnalyzer, a Python package to implement and facilitate Sentiment Analysis tasks using NLTK features and classifiers.

FUNCTION

It collects, processes, and visualizes class-related tweets to support instructors' use of social media as a pedagogical tool and develop strategic interventions.







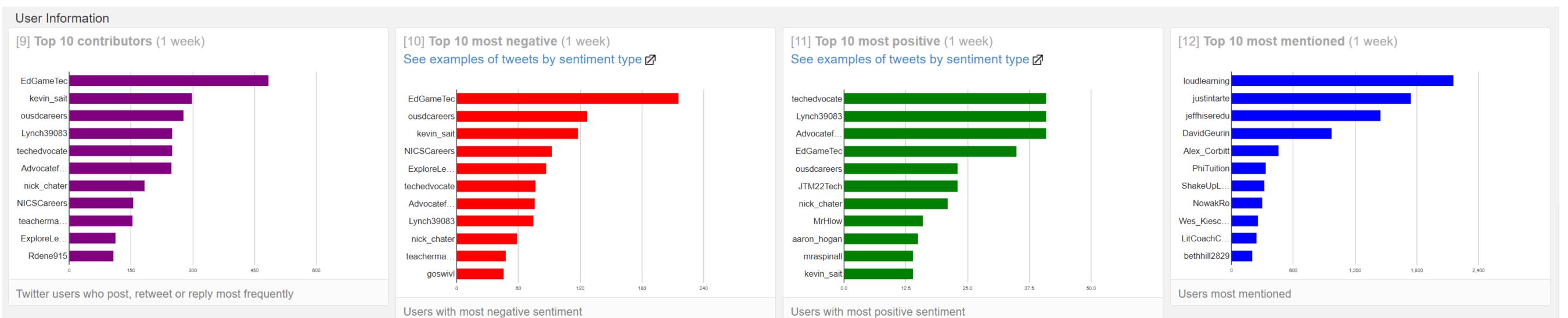
DESIGN PROCESS

Informed by an online survey of instructors who teach with Twitter, we used an iterative design approach with elements of speculative design,

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FUTURE WORK

- Gather additional evaluation feedback from instructors
- Improve interactivity and indicator graphs
- Adjustable timeframes for visualizations
- Exportable reports

[13] All tweets (1 week) See previous tweets for the hashtag #edchat 🗹

Gifted Kids & Teens wurde soeben publiziert! https://t.co/c6HajMyEE1 Vielen Dank an @NAGCGIFTED #gifted #edchat

The latest The Kovescene Daily! https://t.co/5l0kxvsgD0 #edchat

Increase your Ss math fact fluency to prep for testing! Apply now for a FREE 12-month math grant! Join #math teache https://t.co/iI099UfzNZ Never STOP learning. Learning is Awesome Incredible #education#edchat https://t.co/WtVhXwiCAv

Enhance students geography journeys with apps that bring an exciting component to studying their world. https://t.co/Ah2rvtMX56

Something ive experienced and an issue for every budding entrepreneur in school systems that dont recognise their p https://t.co/VdZFneayl3

The latest Nfactory SocialSupport krant! https://t.co/UzNEfnjghh Thanks to @redsshaggy @sycrett @De_Zwijger #education #edchat How to get a 6 year old to understand that if she's taught 27=Twenty seven in school and only that will be asked in https://t.co/CHcnDjYycC

What You Need to Know as an Educator: Understanding the 4 Main Branches https://t.co/0gf5uxgUG4 #edchat #educhat https://t.co/Wsd3RyCRbm What You Need to Know as an Educator: Understanding the 4 Main Branches https://t.co/3uTFoP9dMs #edchat #educhat https://t.co/ZNoOcmFMx1

What You Need to Know as an Educator: Understanding the 4 Main Branches https://t.co/yYgaGNU6Fn #edchat #educhat https://t.co/4P0ZHSOmoY 4 ways university professionals can boost student success https://t.co/gWoC6tLIGW #edchat #educhat https://t.co/QtyGd2ZOLY

4 ways university professionals can boost student success https://t.co/7ORrShHF5r #edchat #educhat https://t.co/RWFqkptDuo

4 ways university professionals can boost student success https://t.co/x75DRE5UP0 #edchat #educhat https://t.co/mrE2wSynCP We need to let kids occasionally say no. Teach them how and when and they wont abuse it. #edchat #parenting https://t.co/30vVezf8o2 Hey I know this guy. https://t.co/2sKV5No9sP

2018-01-21T05:29:07.868Z 2018-01-21T05:29:38.151Z 2018-01-21T05:30:09.203Z 2018-01-21T05:30:16.837Z 2018-01-21T05:31:13.010Z 2018-01-21T05:32:40.665Z 2018-01-21T05:34:00.445Z 2018-01-21T05:36:57.797Z 2018-01-21T05:38:40.842Z 2018-01-21T05:38:47.031Z 2018-01-21T05:38:53.211Z 2018-01-21T05:38:59.870Z 2018-01-21T05:39:05.950Z 2018-01-21T05:39:11.958Z 2018-01-21T05:39:24.446Z 2018-01-21T05:42:34.772Z

PROJECT FUNDED BY

