**Callie Teague**

**Ashley King**

**Discrete Pi Day Activity:**

1. Explain to the class that it is in fact pi day. Pi is approximated as 3.14 and today is the 14th day of March.
2. Have the students work in pairs, and then instruct the students to research the history of the pi. They should record any interesting facts they find.
3. Each person should then pick the one fact that they found most interesting. Take that fact and encrypt this fact using the hill cipher method that we learned it class yesterday.
4. Take your encrypted and give it to your partner. Then have your partner decrypt the message. (Therefore each person is both encrypting and decrypting a message)
5. When you finish the activity go to the front of the class and record the message that you decrypted on the graffiti board.