

# Welcome to All Saints Computing

These challenges have been set for you by Mr. Bishop who is the head of the Computing department.

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You will need to do some internet research for these tasks.

Pre-learning\research...

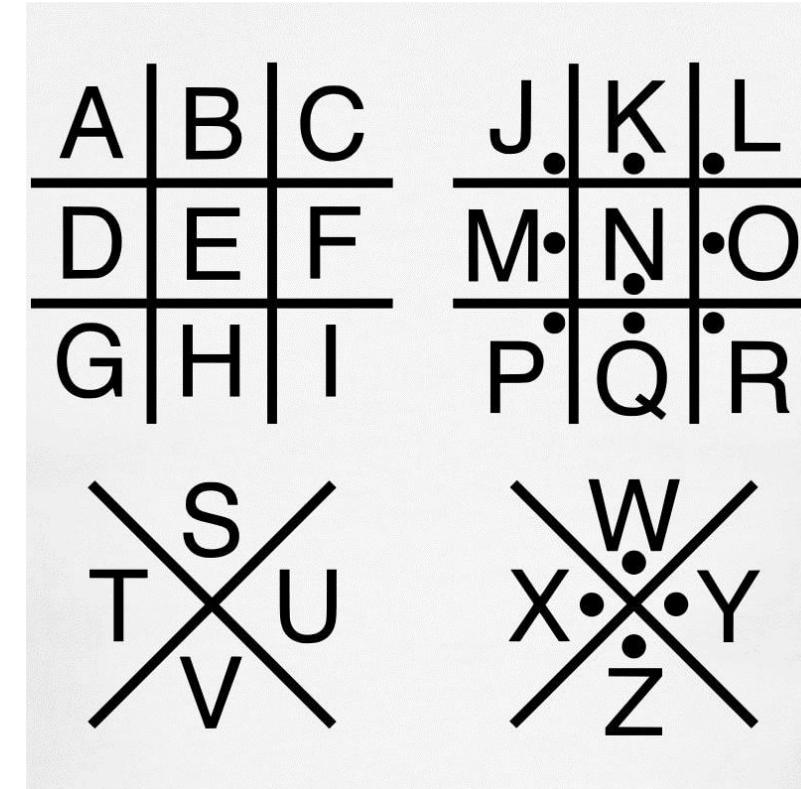
- Find out what an **Atbash** cipher is and how it works.
- Find out what a **Pigpen** cipher is and how it works.
- Find out what a **Caesar** cipher is and how it works.
- Find out what a **Rail** cipher is and how it works.

# Helpful Images 1

## Atbash Cipher

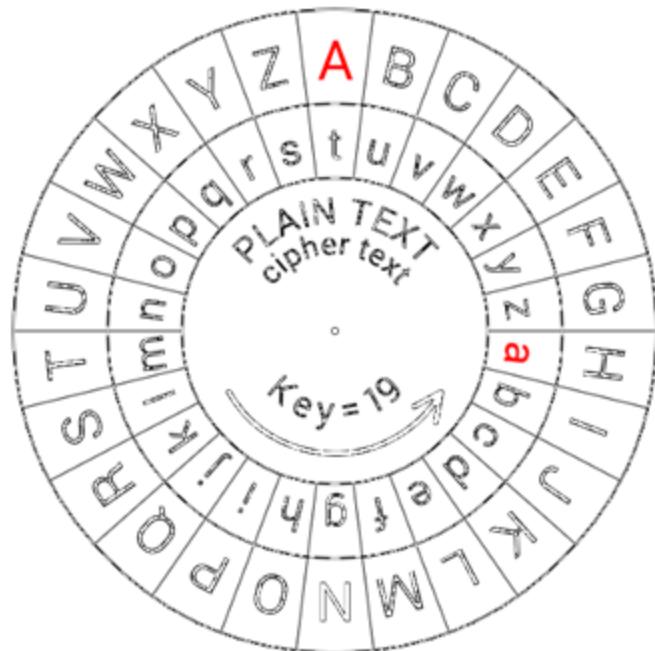
$A = Z$	$N = M$
$B = Y$	$O = L$
$C = X$	$P = K$
$D = W$	$Q = J$
$E = V$	$R = I$
$F = U$	$S = H$
$G = T$	$T = G$
$H = S$	$U = F$
$I = R$	$V = E$
$J = Q$	$W = D$
$K = P$	$X = C$
$L = O$	$Y = B$
$M = N$	$Z = A$

## Pigpen Cipher



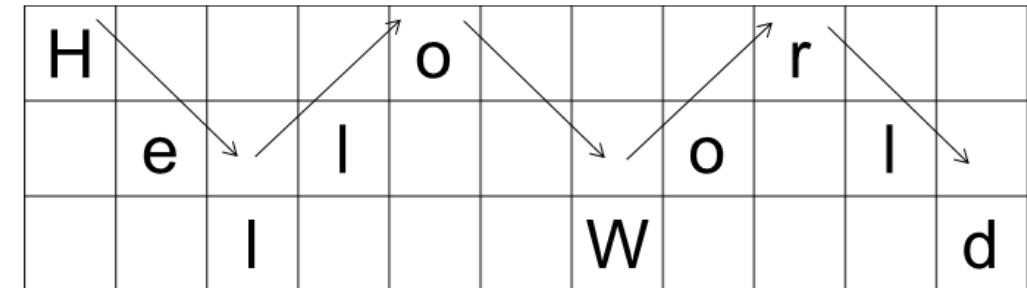
# Helpful Images 2

## Caesar Cipher



## Rail Cipher

**Original Message:** Hello World



**Encrypted Message:** Horel ollWd

Here is a fact about the Computing Department, but it has been encrypted using the Atbash Cipher

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DV SZEV LFI OVHHLMH RM GSV Y-YOLXP

Answer...

Here is a fact about the Computing Department, but it has been encrypted using the Pigpen Cipher

# Answer...

Here is a fact about the Computing Department, but it has been encrypted using the Caesar Cipher. (Key = 6)

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SX H VXKLKXY DHUD ZU VRGEYZGZOUT

Answer...

Here is a fact about the Computing Department, but it has been encrypted using the Rail Cipher.

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MWI EAR ILASHSAPTCTSLMA

(There are 2 spaces between I and E and 1 space between R and I)

Answer...