

Cipher Wheel - Secret Code Facts

Ferdinand Magellan

Materials:

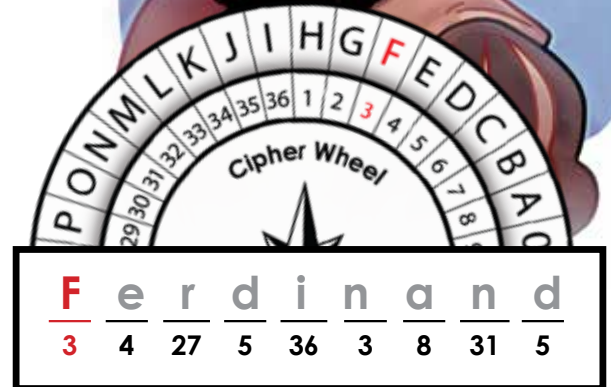
- Scissors
- Brass paper fastener
- Cipher wheel (pages 2 and 3 of this worksheet)
- Magellan Cipher Code Fact Cards (pages 4 through 7 of this file)

Assembling the Cipher Wheel

Step 1: Print the cipher wheels on thick card stock.

Step 2: Carefully cut out the inner and outer wheel.

Step 3: Attach the inner wheel to the outer wheel, using a brass paper fastener.



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Suggestions for Teachers

In order for the wheel to work correctly, the brass paper fastener must be pushed through the exact middle of the wheel. Your students may need help with this step.

Have students save their cipher wheel for future activities. We have cipher code fact cards covering many topics on *SuperTeacherWorksheets.com*.

The entire activity does not need to be completed in one day. You may want to have students work on this activity for a short period of time each day until they've completed all of the fact cards.

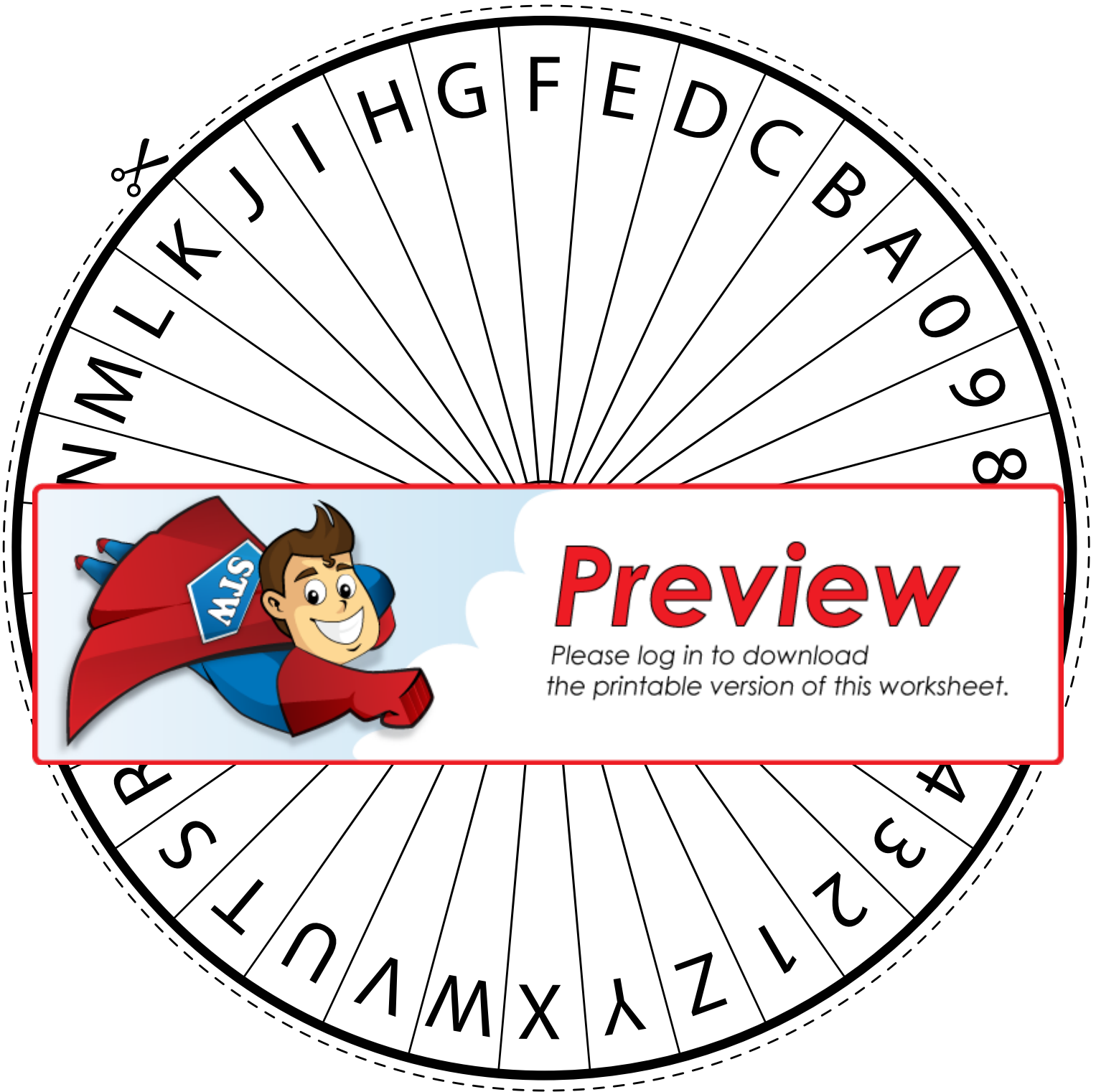
Ferdinand Magellan



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Ferdinand Magellan





Ferinand Magellan Fact #1

Use your Cipher Wheel to decode a fact about Ferdinand Magellan.

Use **3 = F** as the reference point on your wheel.

3 4 27 5 36 31 8 31 5 32 8 2 4 33 33 8 31 26
 6 27 4 22 6 30 31 26 36 26 25 4 5 30 3
 8 7 30 24 25 17 12 9 26 8 36 33 30 27 26
 32 30 26 25 22 4 27 4 3 27 30 32 26 29 8 36 31
 8 31 5 29 30 27 25 24 2 8 33



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26 36 6 36 33 20 7 4 33 2 36 24 32 8 31 5
 3 27 8 31 6 4



Ferinand Magellan Fact #2

Use your Cipher Wheel to decode a fact about Ferdinand Magellan.
Use **23 = A** as the reference point on your wheel.

$\overline{4}$ $\overline{16}$ $\overline{19}$ $\overline{17}$ $\overline{9}$ $\overline{23}$ $\overline{12}$ $\overline{9}$ $\overline{18}$
 $\overline{11}$ $\overline{23}$ $\overline{17}$ $\overline{19}$ $\overline{12}$ $\overline{12}$ $\overline{23}$ $\overline{10}$ $\overline{5}$ $\overline{19}$ $\overline{36}$ $\overline{8}$ $\overline{19}$ $\overline{20}$ $\overline{15}$ $\overline{4}$ $\overline{15}$ $\overline{9}$ $\overline{10}$
 $\overline{1}$ $\overline{23}$ $\overline{5}$ $\overline{4}$ $\overline{9}$ $\overline{18}$ $\overline{15}$ $\overline{10}$ $\overline{20}$ $\overline{23}$
 $\overline{1}$ $\overline{19}$ $\overline{5}$ $\overline{4}$ $\overline{19}$ $\overline{6}$ $\overline{10}$ $\overline{6}$ $\overline{9}$ $\overline{3}$ $\overline{4}$ $\overline{19}$ $\overline{4}$ $\overline{9}$
 $\overline{4}$ $\overline{16}$ $\overline{19}$ $\overline{5}$ $\overline{8}$ $\overline{15}$ $\overline{21}$ $\overline{19}$ $\overline{15}$ $\overline{5}$ $\overline{12}$ $\overline{23}$ $\overline{10}$ $\overline{20}$ $\overline{5}$



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$\overline{23}$ $\overline{10}$ $\overline{20}$ $\overline{10}$ $\overline{3}$ $\overline{4}$ $\overline{11}$ $\overline{19}$ $\overline{17}$



Ferinand Magellan Fact #3

Use your Cipher Wheel to decode a fact about Ferdinand Magellan.

Use **16 = Y** as the reference point on your wheel.

28 4 34 36 29 29 4 27

34 4 19 36

21 33 36

25 4 2 32 35 32 2

26 2 36 4 27

32 21 22

27 4 28 36 33 36

27 4 28 36 1

32 21

"

"

28 4 23

25 4 2 32 35 32 2 26

18 33 32 2 33

"

"

28 36 4 27 22

25 36 4 2 36 35 20 29

22 36 4



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Ferinand Magellan Fact #4

Use your Cipher Wheel to decode a fact about Ferdinand Magellan.

Use **7 = R** as the reference point on your wheel.

12 24 18 20 13 13 24 11 21 16 21 11 10 5
 6 24 16 13 24 13 13 5 17 20 2 24 36
 24 7 10 4 11 21 5 17 20 2 10 7 13 21
 17 20 21 16 20 21 16 11 5 17 20
 9 17 16 13 16 9 9 16 11 20 6 24 19 5 20 7



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10 19 5 17 20 20 1 9 20 21 16 5 16 10 11
 24 11 21 22 10 12 9 13 20 5 20 21 5 17 20
 15 10 4 7 11 20 36 24 7 10 4 11 21 5 17 20
 18 13 10 23 20



Ferinand Magellan Fact #5

Use your Cipher Wheel to decode a fact about Ferdinand Magellan.
Use **11 = D** as the reference point on your wheel.

36 1 3 26

36 1 10

36 9

2 14 8 10 3 3 14 1 32

9 6 29 10

32 7 6 35 32

12 36 2 35 3 10 31 10 11

31 7 10

29 36 26 14 8 10

14 33 36 30 1 11

31 7 10



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36 1

31 7 10

32 7 6 35

1 14 2 10 11

29 6 12 31 36 33 6 14

36 1 3 26

24 17

32 14 6 3 36 33 32

33 10 2 14 6 1 10 11

36 9

31 7 10

23 18 15

32 14 6 3 36 33 32

31 7 14 31

13 10 8 14 1

31 7 10

5 36 30 33 1 10 26

Ferdinand Magellan



Ferdinand Magellan Fact #1

Ferdinand Magellan's crew consisted of about 270 sailors. Most were from Spain and Portugal. There were also sailors from Greece, England, Germany, Sicily, Belgium, and France.

Ferdinand Magellan Fact #2

The goal of Magellan's expedition was to find a western route to the Spice Islands. The Spanish wanted to buy spices such as cinnamon, cloves, and nutmeg.



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and completed the journey around the globe.

Ferdinand Magellan Fact #5

Only one of Magellan's five ships completed the voyage around the world. Juan Sebastián Elcano returned to Spain on the ship named Victoria. Only 18 sailors remained of the 270 sailors that began the journey.