

## Year 3 and 4 Home Learning

### Science Week 10

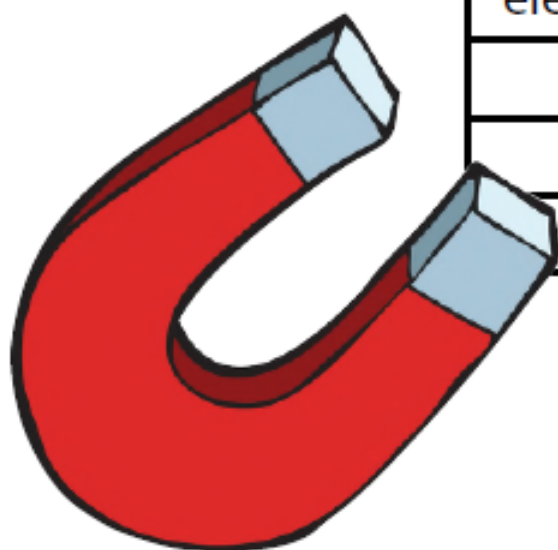
This half term we will be reviewing topics that we have done this year. First we will look at 'Magnets'

# MAGNETS

*Can you find the words that are missing in these sentences?*

1	Magnets create pushing and pulling _____.	<b>repel</b>
2	Every magnet has two _____.	<b>sound waves</b>
3	North and south poles are _____ to each other.	<b>magnetic field</b>
4	Poles that are the same _____ each other.	<b>compass</b>
5	The area of magnetism around a magnet is called a _____.	<b>forces</b>
6	Magnetic materials are always _____ (but not every kind is magnetic).	<b>metal</b>
7	Paper, plastic and wood are _____ that are not magnetic.	<b>attracted</b>
8	Speakers use magnets to send out _____.	<b>Electromagnets</b>
9	_____ let you the magnetism on or off by turning the electricity on or off.	<b>poles</b>
10	A _____ uses magnetism to help people navigate.	<b>materials</b>

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



attract	magnetic field
electromagnet	materials
forces	north pole
iron	repel
magnet	south pole
	steel

*Can you explain what each word means?*

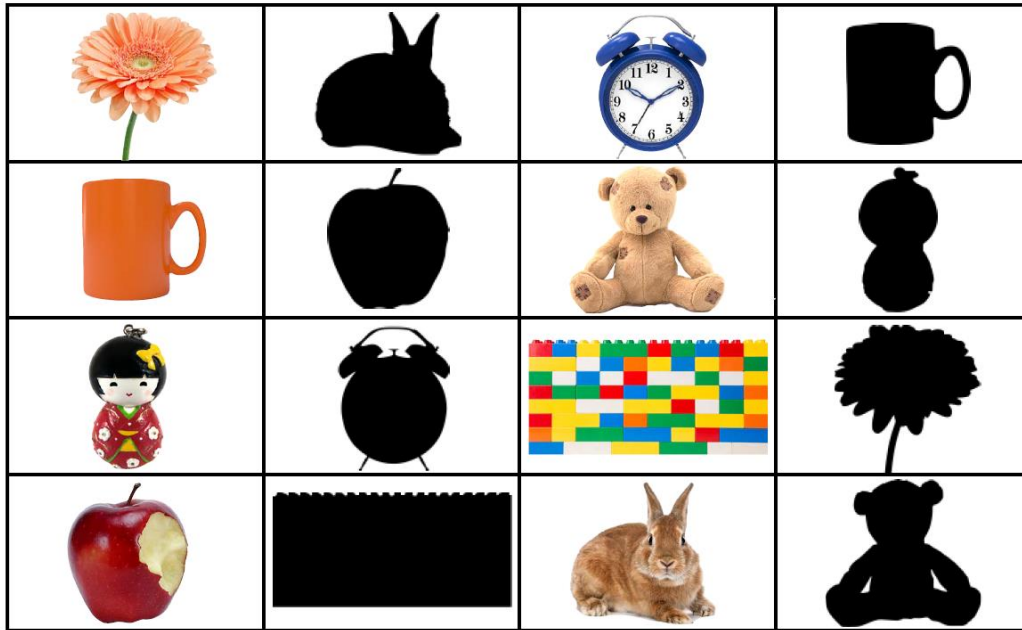
# Now lets revise 'Light and Shadows'

Do Bronze, Silver or Gold

Bronze

## Match the Shadows

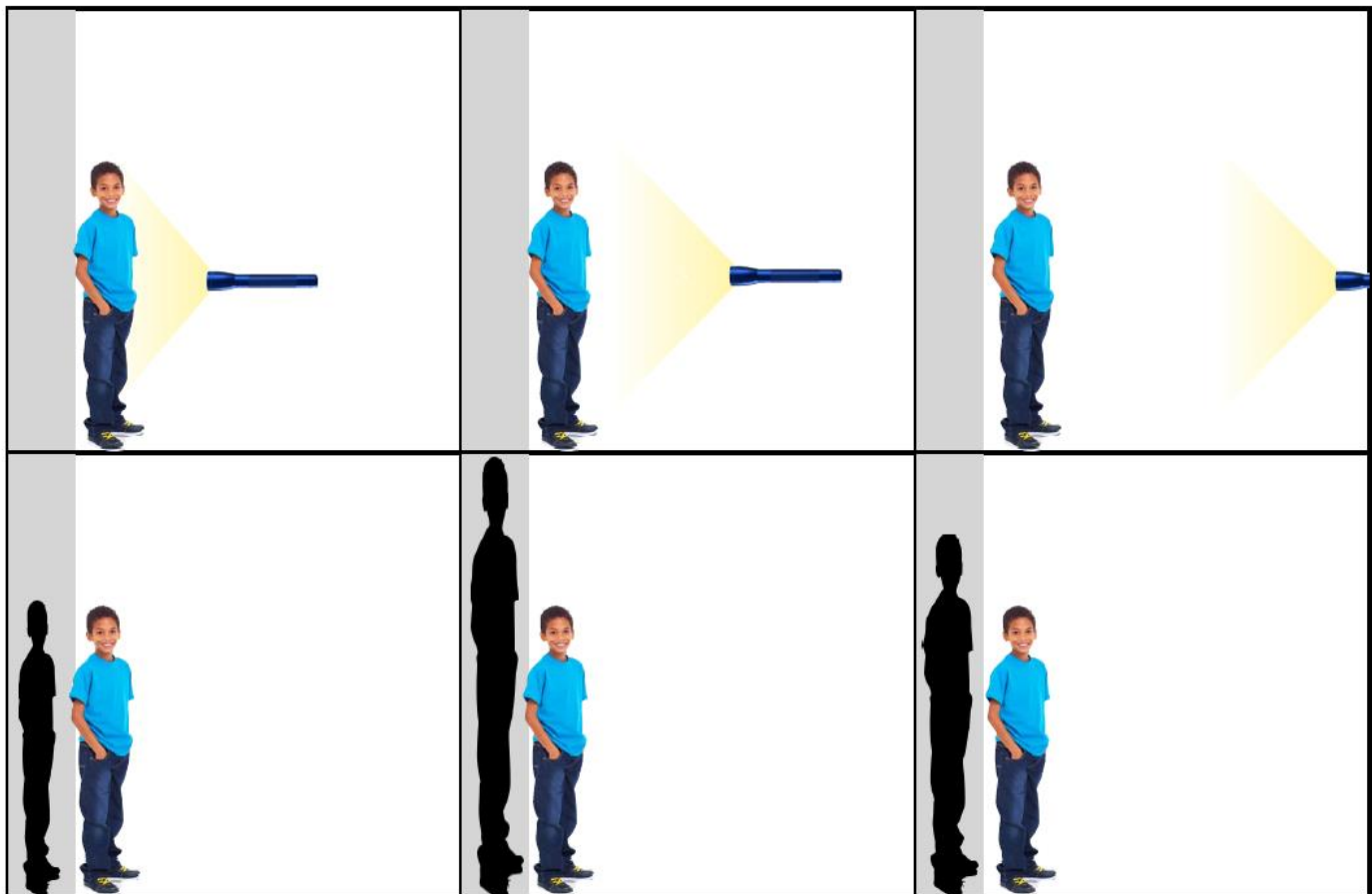
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Silver

## Match the Shadows







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Gold

# Match the Shadows

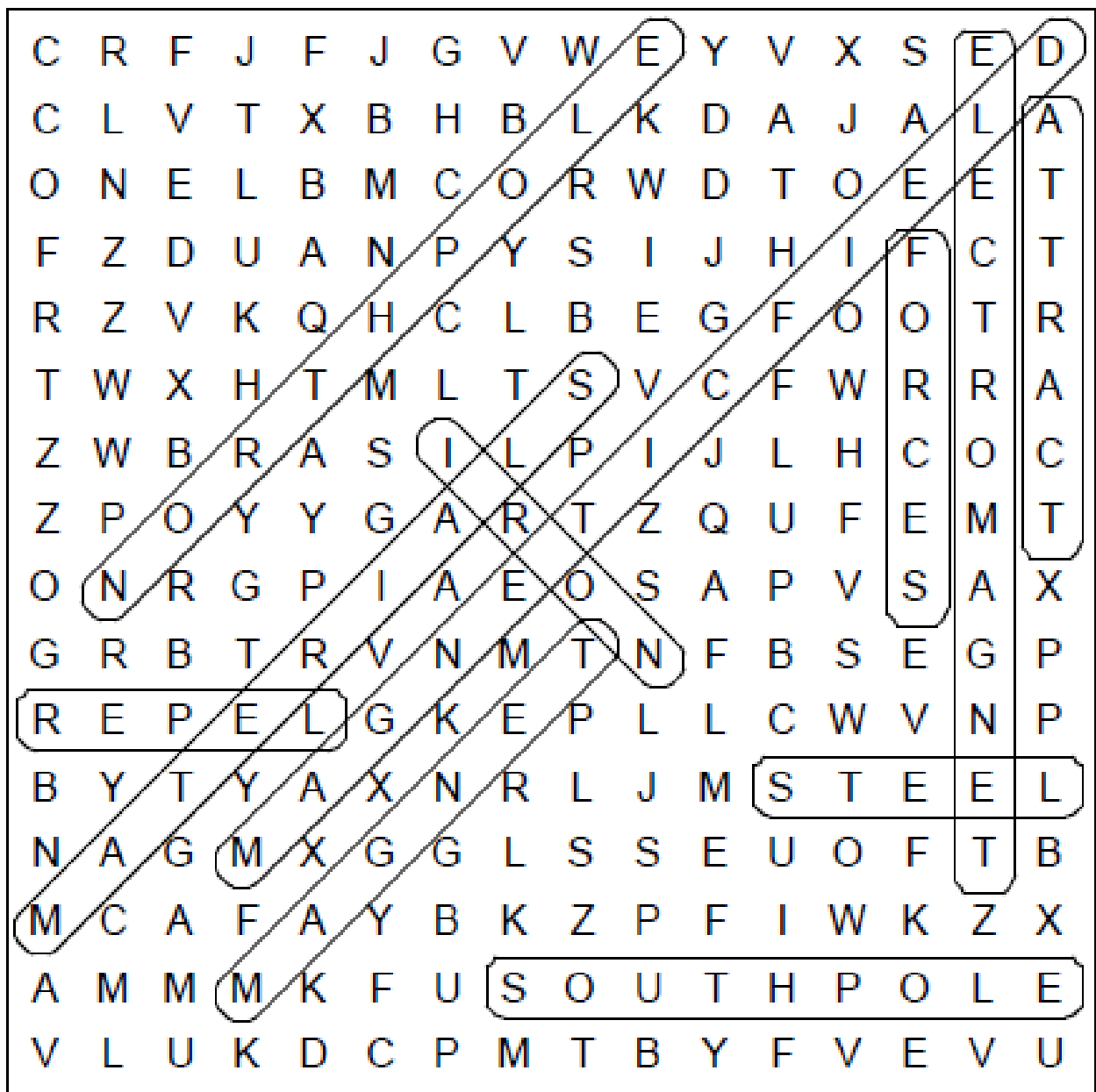
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## Magnets Answers

1	Magnets create pushing and pulling <b>forces</b> .
2	Every magnet has two <b>poles</b> .
3	North and south poles are <b>attracted</b> to each other.
4	Poles that are the same <b>repel</b> each other.
5	The area of magnetism around a magnet is called a <b>magnetic field</b> .
6	Magnetic materials are always <b>metal</b> (but not every kind is magnetic).
7	Paper, plastic and wood are <b>materials</b> that are not magnetic.
8	Speakers use magnets to send out <b>sound waves</b> .
9	<b>Electromagnets</b> let you the magnetism on or off by turning the electricity on or off.
10	A <b>compass</b> uses magnetism to help people navigate.

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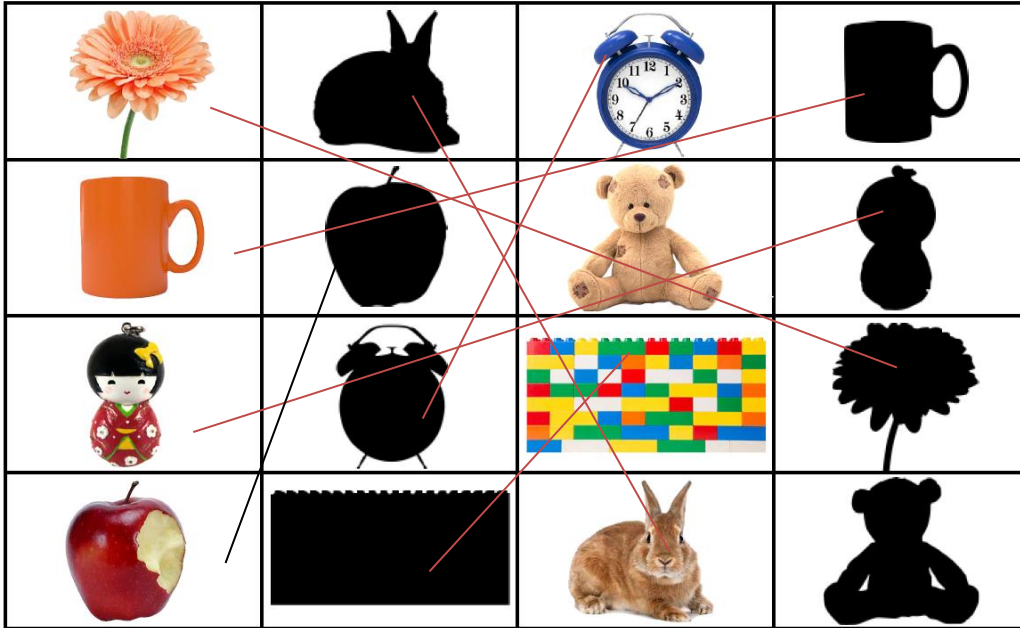
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## Shadows Answers

Bronze

# Match the Shadows

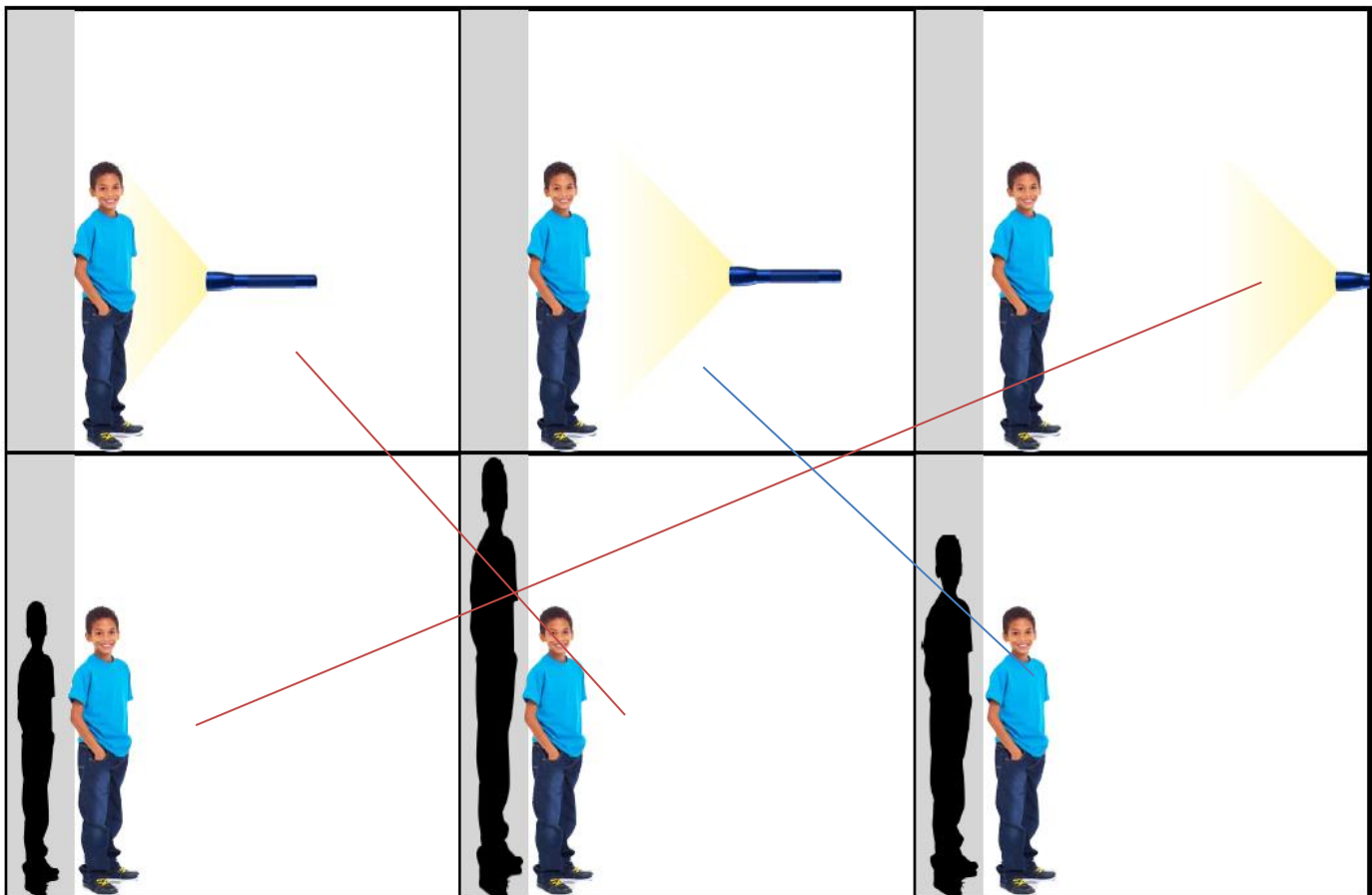
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Silver

# Match the Shadows

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Gold

# Match the Shadows

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