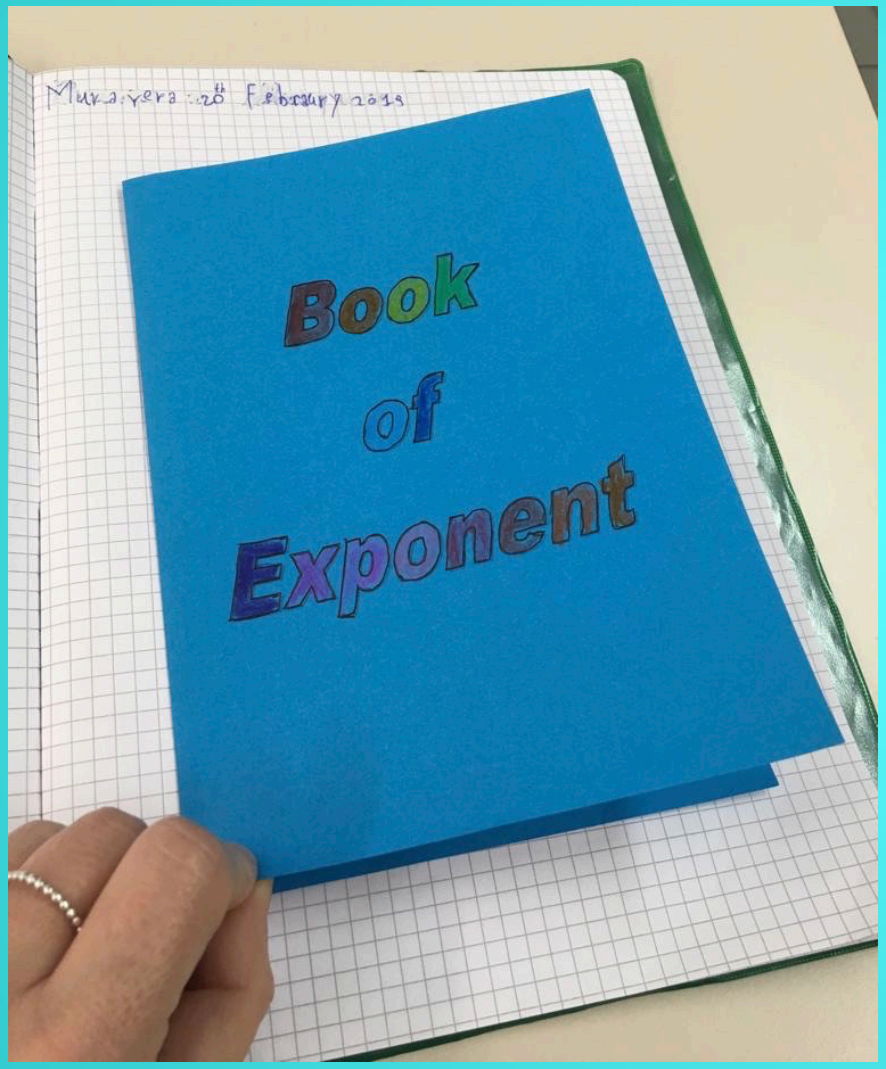
ATTIVITA’ CLIL
CLASSE 5^ A-B

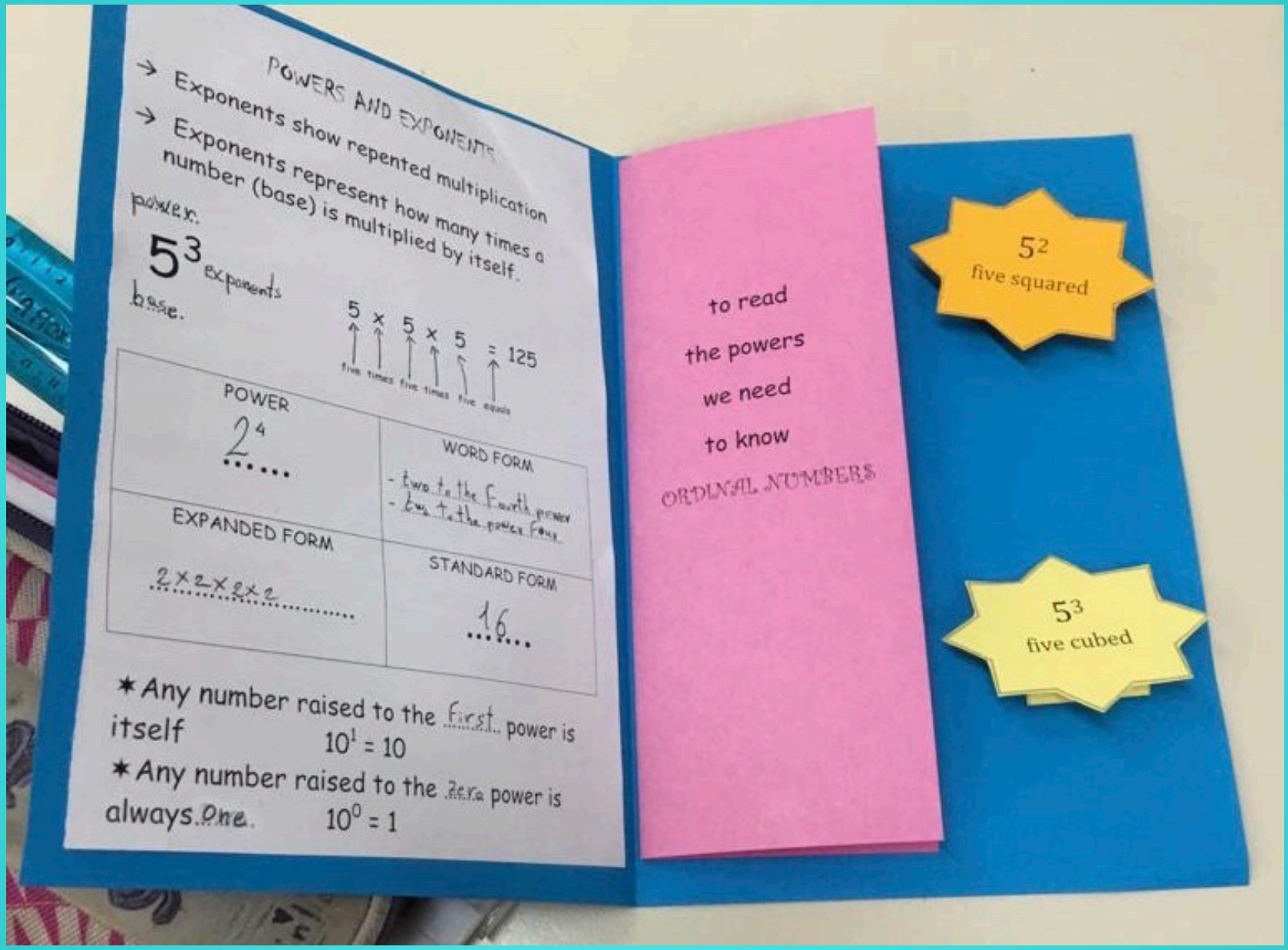


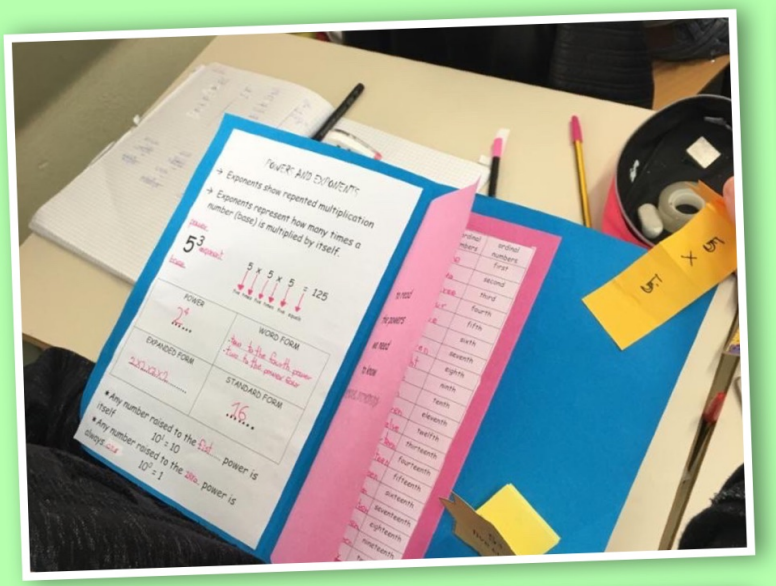
BOOK OF EXPONENT

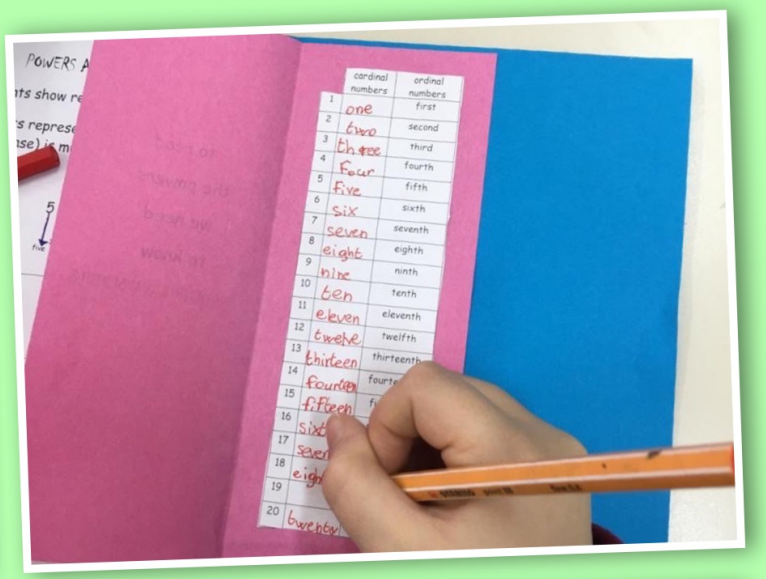
Gli alunni, già a conoscenze delle potenze, hanno visto un video in inglese sull'argomento e hanno realizzato un minibook.

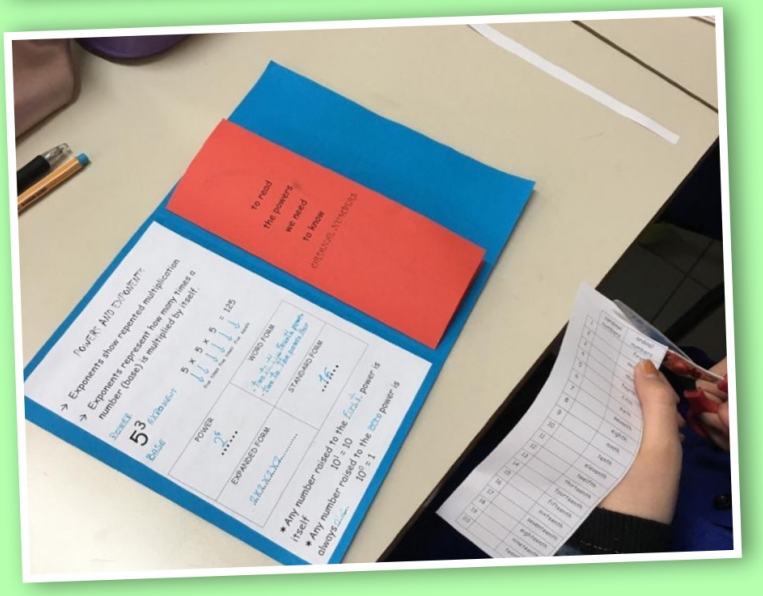
L'attività si è focalizzata sui termini matematici legati alle potenze in lingua inglese con attività di lettura dei termini stessi.

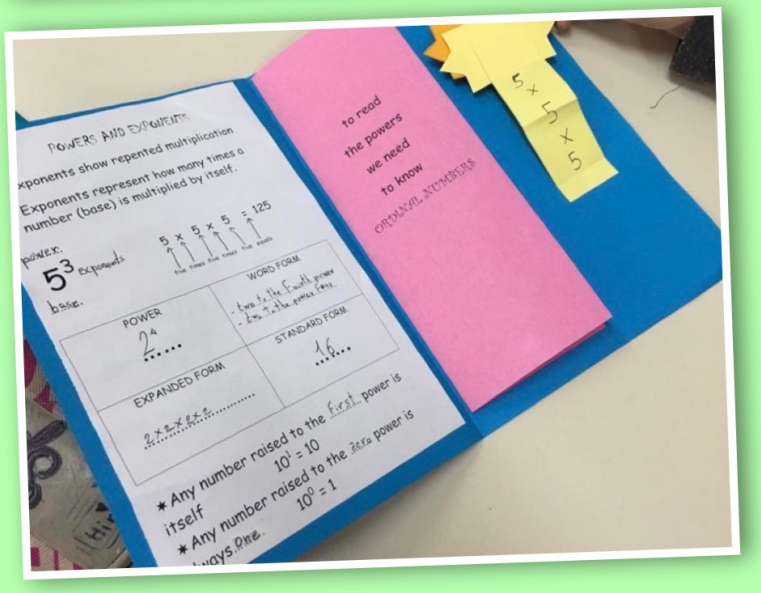
Dopo aver assemblato il minibook, gli alunni hanno completato una scheda operativa e una tabella in inglese.


POWERS AND EXPONENTS
→ Exponents show repented multiplication
→ Exponents represent how many times a number (base) is multiplied by itself.
power
5^3
exponents
base.
5 x 5 x 5 = 125
five times five times five equals
POWER
2^4
WORD FORM
- two to the fourth power
- two to the power four
EXPANDED FORM
2x2x2x2
STANDARD FORM
16
* Any number raised to the first power is itself $10^1 = 10$
* Any number raised to the zero power is always one. $10^0 = 1$
to read
the powers
we need
to know
ORDINAL NUMBERS
5^2
five squared
5^3
five cubed

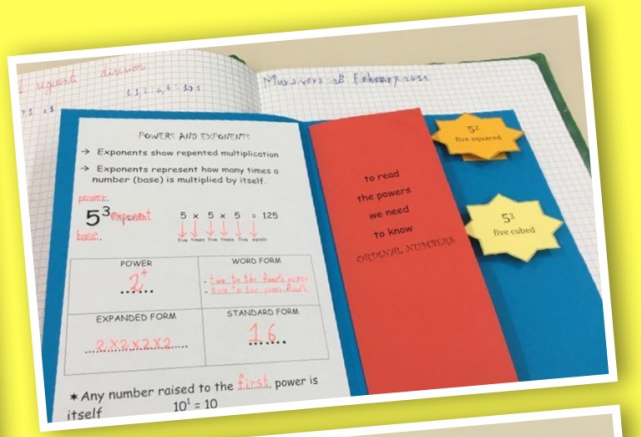

POWER AND EXPONENT
→ Exponents show repeated multiplication
→ Exponents represent how many times a number (base) is multiplied by itself.
POWER
EXPANDED FORM
WORD FORM
STANDARD FORM
★ Any number raised to the first power is itself
★ Any number raised to the zero power is always one
$10^1 = 10$
$10^0 = 1$

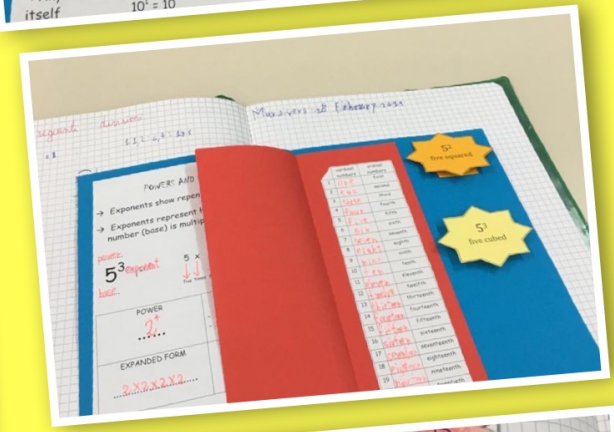

cardinal numbers
ordinal numbers
one
two
three
four
five
six
seven
eight
nine
ten
eleven
twelve
thirteen
fifteen
twenty

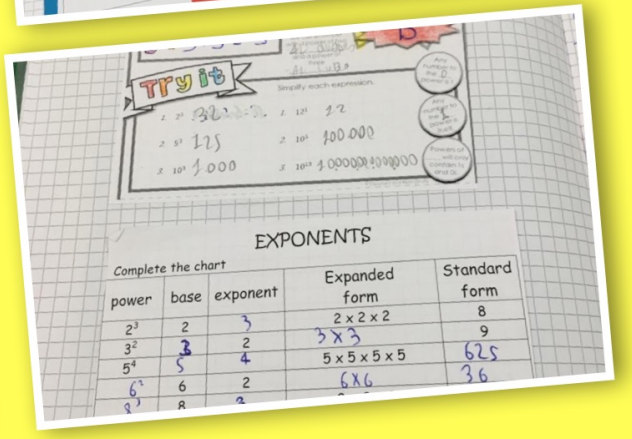

POWERS AND EXPONENTS
to read the powers we need to know
ORDINAL NUMBERS


POWERS AND EXPONENTS
Exponents show repeated multiplication
Exponents represent how many times a number (base) is multiplied by itself.
power
exponent
base
POWER
WORD FORM
EXPANDED FORM
STANDARD FORM
★ Any number raised to the first power is itself
★ Any number raised to the zero power is
to read the powers we need to know
ORDINAL NUMBERS
5 x 5 x 5


Book
of
Exponent


POWERS AND EXPONENTS
Exponents show repeated multiplication
Exponents represent how many times a number (base) is multiplied by itself.
5^3 exponent
base
5 x 5 x 5 = 125
POWER
WORD FORM
EXPANDED FORM
STANDARD FORM
Any number raised to the first power is itself
$10^1 = 10$
to read the powers we need to know
ORDINAL NUMBERS
5^2 five squared
5^3 five cubed


5^2 five squared
5^3 five cubed


Try it
Simplify each expression.
EXPONENTS
Complete the chart
power
base
exponent
Expanded form
Standard form
2^3 2 3 2 x 2 x 2 8
3^2 3 2 3 x 3 9
5^4 5 4 5 x 5 x 5 x 5 625
6^2 6 2 6 x 6 36